

CURRICULUM VITAE AND LIST OF PUBLICATIONS

Ruth (Rutie) Kimchi

Personal Details

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Higher Education

- 1982 Ph.D. University of California, Berkeley, Cognitive Psychology (1976-1981)
1974 M.A. The Hebrew University, Experimental Psychology, Cum Laude (1971-1973)
1972 B.A. The Hebrew University, Psychology, Statistics (1968-1971)

Academic Ranks and Tenure in Institutes of Higher Education

- 2018- Professor Emerita, University of Haifa., Dept. of Psychology
2013 Visiting Professor, New York University, Dept. of Psychology
2009- Full Professor, University of Haifa, Dept. of Psychology
2001-2009 Professor, University of Haifa, Dept. of Psychology
1998-2000 Visiting Scholar, Carnegie Mellon University, Dept. of Psychology
1993-1994 Visiting Scholar, Beckman Institute for Advanced Science and Technology,
U. of Illinois at Urbana-Champaign
1991-2001 Senior Lecturer (with tenure) University of Haifa, Dept. of Psychology
1988-1991 Lecturer, University of Haifa, Dept. of Psychology
1985-1988 Lecturer, Technion, Faculty of Industrial Engineering and Management
1982-1985 Visiting Assistant Professor, University of California, San Diego, Dept. of Psychology

Offices in University Academic Administration

- 7/2014-present Director, Institute of Information Processing and Decision Making
2010-2019 Director, Max Wertheimer Minerva Center for Cognitive Processes and Human
Performance
2009 Member, Committee of Post-Doctoral Studies
2009 Elected member, Dean of Social Sciences Search Committee
2005-2008 Chair, Department of Psychology
2008 Elected member, President Search Committee
2006-2018 Co-chair, Cognitive Science Program Steering Committee
2006-2011 Elected member, the University Senate; Elected senate representative at the
university Executive Committee, at the university Board of Governors, and at the
Board of Governors' Audit Committee.
2003-2005 Chair, Committee of Doctoral Studies, Department of Psychology
2000-2003; Member, Committee of Doctoral Studies, Department of Psychology
2008-2018

3-9/1998; 9/2003-3/2004 Acting Director, Institute of Information Processing and Decision Making
 1997-1998 Member, Committee of Undergraduate Studies, Department of Psychology
 1991-1998 Member, Committee of MA Studies, Department of Psychology
 1991-1998; 2000-2005 Head, Graduate Program in Cognitive Psychology, Dept. of Psychology
 1989-1991 Coordinator, departmental seminars, Department of Psychology

Scholarly Positions and Activities outside the University

2014, 2016 Member, ISF professional committee.
 2010 Member of the Scientific and Organizing Committee, “International Workshop on Selection and Control Mechanisms in Perception and Action.” Institute for Advanced Studies, Hebrew University, Jerusalem
 2010 Editorial Board, *Journal of Experimental Psychology: LMC*
 2006-2014 Elected Member, Board of Directors, Israel Foundations Trustees
 2006-present Member of the Founding Committee of the Configural Processing Consortium, and member of the Organizing Committee, CPC annual meetings.
 2005 Organizer of workshop: “The Many Faces of Attention.” Max Wertheimer Minerva Center for Cognitive Processes and Human Performance Workshop Series, University of Haifa, Israel
 2004 Organizer of Symposium: “Perceptual Organization and Attention.” Meeting of the Israeli Society for Cognitive Psychology, Bar-Ilan University, Israel
 2002-07 Consultant, section 2, NIHCHD (Program project) Disordered perceptual processing in autism (program project PI: Dr. N. Minshew; PI section 2: Dr. M. Behrmann)
 2000 Member, Organizing Committee, the 31st Carnegie Symposium on Cognition, Carnegie Mellon University, Pittsburgh PA, USA
 1998-present Elected Member, Advisory Council of the International Association for the Study of Attention and Performance
 1998 Member, Organizing Committee, the 10th Conference of the European Society for Cognitive Psychology, Jerusalem, Israel
 1997, 2002, 2006 Member, Committee for Young Investigators Grants, Israel Foundations Trustees
 1997 Member, Organizing Committee, 4th Meeting of the Israeli Society for Cognitive Psychology, Tel-Aviv University, Israel
 June 1996 Invited Delegate, International Conference on Attention and Performance
 May 1993 Guest Researcher, Nijmegen Institute for Cognition and Information, Nijmegen, Holland
 1992 Member, Organizing Committee, 2nd Meeting of the Israeli Society for Cognitive Psychology, Tel Aviv University, Israel
 1991 Organizer of the Israeli Society for Cognitive Psychology Workshop: “Attention”. University of Haifa, Israel
 1990 Member, Organizing Committee, the 1st Meeting of the Israeli Society for Cognitive Psychology, Ben-Gurion University, Israel
 July 1989 Invited Tutor, European Society for Cognitive Psychology: Summer School on Visual Perception, Stockholm, Sweden
 1988-1990 Editorial Board, *Psychologia, Israel Journal of Psychology*
 1988 Member of the Founding Committee of the Israeli Society for Cognitive Psychology
 1985-1988 Member, Committee of National Admission Tests to Graduate Studies in Psychology, National Institute for Testing and Evaluation
 1977-1978 Research Officer, IDF Psychological Unit

Ad hoc Reviewer:

Referred Journals:

Attention Perception & Psychophysics; Acta Psychologica; Child Development; Cognition; Cognitive Development; Cognitive Neuropsychology; Cognitive Psychology; European Journal of Cognitive Psychology; Journal of Experimental Psychology: General; Journal of Experimental Psychology: Human Perception and Performance; Journal of Experimental Psychology: Learning, Memory and Cognition; Journal of Vision; Memory & Cognition; Neuropsychologia; Perception; Psychological Bulletin; Psychological Research; Psychological Science; Psychonomic Bulletin & Review; Science; Vision Research

Research Granting Foundations:

Israel Science Foundation (ISF)
United States-Israel Binational Science Foundation (BSF)
Israel Foundations Trustees
The National Institute for Psychobiology in Israel
German-Israeli Foundation for Scientific Research and Development (GIF)
National Science Foundation (NSF), USA
Research Foundation - Flanders (FWO), Belgium

Scientific Meetings:

10th Meeting of the European Society for Cognitive Psychology (1998)
31st Carnegie Symposium on Cognition (2000)
8th annual meeting of the Vision Sciences Society (2008)
9th annual meeting of the Vision Sciences Society (2009)
10th annual meeting of the Vision Sciences Society (2010)
Occasional Academic Advisor to the Open University of Israel

Professional Memberships:

Association for Psychological Science
Psychonomic Society
Vision Sciences Society
European Society for Cognitive Psychology
Configural Processing Consortium

Invited Addresses and Talks

Revealing the secrets of perceptual organization. *The 8th Conference on Cognition Research of the Israeli Society for Cognitive Psychology*, February 2021.

Perceptual organization, visual attention, and objecthood. *Embodied Attention Workshop*, Potsdam, April 2016.

Faces as perceptual wholes: The interplay between featural and configural properties in face representation and processing. *International Workshop: On Faces, Bodies and Voices: Multimodal Mechanism of Person Recognition*, Institute for Advanced Studies, Jerusalem, Israel, March 2015.

The perception of hierarchical structure. *Summer school: Perceptual organization: Interdisciplinary approaches and research skills*, KU Leuven, Belgium, August 2014.

Development of perceptual organization. *Summer school: Perceptual organization: Interdisciplinary approaches and research skills*, KU Leuven, Belgium, August 2014.

Faces as perceptual wholes: Integrality of component and configural Properties. *"Wahrnehmung" a public lecture series on Perception*, Technical University of Kaiserslautern, Kaiserslautern, Germany, March 2014.

Perceptual organization and visual attention. **2013 Rock Memorial Lecture**, *University of California, Berkeley, CA, USA*, April 2013.

Microgenesis and ontogenesis of visual perceptual organization. **Keynote address**. *The 16th Conference on Attention and Perception*. Chiayi, Taiwan, June 2012.

Perceptual organization and visual attention. **Keynote address**. *The 16th Conference on Attention and Perception*. Chiayi, Taiwan, June 2012.

Object recognition and attention. *Rovereto Attention Workshop: Attention and Objects*, Rovereto (TN), Italy, October 2011.

Faces as perceptual wholes: The interplay between component and configural properties in face processing. **Keynote address**. *5th Meeting of the Configural Processing Consortium*, St. Louis, MO, USA, November 2010.

Visual attention and perceptual organization. *International Workshop on Selection and Control Mechanisms in Perception and Action*, Institute for Advanced Studies, Jerusalem, Israel, April 2010.

Object perception: Ontogenesis and microgenesis. *International Workshop on Cognitive Neuroscience, Development and Psychopathology*, Institute for Advanced Studies, Jerusalem, Israel, 2006.

Visual intelligence. *Institute of Advanced Judicial Studies, Jerusalem*, Israel, 2004.

Perceptual organization in vision. **2002 Max Wertheimer Lecture**, Johann Wolfgang Goethe-University Frankfurt, Frankfurt, Germany, December 2002.

Microgenetic analysis of visual perceptual organization. *The 31st Carnegie Symposium on Cognition*, Pittsburgh, PA, USA, June 2000.

Holistic and component properties: Conceptual issues and empirical findings. *International Conference on Visual Perception of Structure*, Amsterdam, Netherlands, 1998.

Perceptual organization of visual objects: A microgenetic analysis. *International Conference on Visual Perception of Structure*, Amsterdam, Netherlands, 1998.

Holistic processing and perceptual organization. *International Workshop on Perceptual Organization and Object Recognition*, Brussels, Belgium, 1992.

Perception of global and local levels of a visual object: A critical review. **Keynote Address**. *The 6th Annual Conference of the British Psychological Society, Cognitive Psychology Section*, Cambridge, UK, September 1989.

Perceptual organization and selective attention. *Bat-Sheva International Seminar on Selective Attention in Sensory*, Jerusalem, Israel, 1987.

Presentations in Scholarly Conferences

Kimchi, R. Perceptual organization and visual consciousness. *The 42nd European Conference on Visual Perception (ECVP)*, Leuven, Belgium, August 2019.

Kimchi, R., Devyatko, D., & Sabary, S. Role of visual consciousness in perceptual organization. *59th Annual Meeting of the Psychonomic Society*, New Orleans, November 2018.

Kimchi, R., Devyatko, D., & Sabary, S. Configural processing: Is visual consciousness necessary? *The 13th Meeting of Configural Processing Consortium*, New Orleans, November 2018.

Devyatko, D., Hershman, R., Wagner, M., **Kimchi, R.**, & Henik, A. When the brain fools your eyes: Pupillary response in motion-induced blindness. *The 41st European Conference on Visual Perception (ECVP)*, Trieste, Italy, August 2018.

Devyatko, D., & Sabary, S., & **Kimchi, R.** Is visual awareness necessary for organizing elements into a configuration? *The 5th Conference on Cognition Research of the Israeli Society for Cognitive Psychology*, Akko, Israel, February 2018.

Sabary, S., Devyatko, D., & **Kimchi, R.** Perceptual organization of hierarchical patterns: Grouping local elements into a global configuration requires visual consciousness. *The 5th Conference on Cognition Research of the Israeli Society for Cognitive Psychology*, Akko, Israel, February 2018. *The 41st European Conference on Visual Perception (ECVP)*, Trieste, Italy, August 2018.

Devyatko, D., & Sabary, S., & **Kimchi, R.** Can organization into a configuration take place in the absence of visual awareness? *The 40th European Conference on Visual Perception (ECVP)*, Berlin, Germany, August 2017. *The 4th Conference on Cognition Research of the Israeli Society for Cognitive Psychology*, Akko, Israel, February 2017.

Kimchi, R., Devyatko, D., & Sabary, S. Can perceptual grouping unfold in the absence of visual consciousness? *The 4th Conference on Cognition Research of the Israeli Society for Cognitive Psychology*, Akko, Israel, February 2017; *The 17th Annual Meeting of the Vision Sciences Society*, St. Pete Beach, Florida, USA, May 2017; *The 11th Meeting of Configural Processing Consortium*, Boston, November 2016.

Devyatko, D., Sabary, S., & **Kimchi, R.** No evidence for perceptual grouping in the absence of visual consciousness. *The 39th European Conference on Visual Perception (ECVP)*, Barcelona, Spain, August 2016.

Rashal, E., **Kimchi, R.**, & Wagemans, J. Depth perception affects figure-ground organization by symmetry under inattention. *The 39th European Conference on Visual Perception (ECVP)*, Barcelona, Spain, August 2016.

Kimchi, R. The role of perceptual organization in crowding. *International Meeting of the Psychonomic Society*, Granada, Spain, May 2016.

Itkes, O., **Kimchi, R.**, & Kron, A. Dissociating emotional response and knowledge about emotions. *The Animal and Human Emotions*, Erice, Sicily, May 2016.

Itkes, O., **Kimchi, R.**, & Kron, A. Can emotions “mix”? *Society for Affective Science (SAS)*, Chicago, IL, USA, March 2016.

Itkes, O., **Kimchi, R.**, & Kron, A. The representation of mixed emotions in facial expressions. *The 3rd Conference on Cognition Research of the Israeli Society for Cognitive Psychology*, Akko, Israel, February 2016.

Sekely, L., **Kimchi, R.** & Gabay, S. Subcortical involvement in the perception of illusory objects. *The 3rd Conference on Cognition Research of the Israeli Society for Cognitive Psychology*, Akko, Israel, February 2016.

Soloveichick, R., **Kimchi, R.**, & Gabay, S. The involvement of subcortical structures in global-local processing. *The 3rd Conference on Cognition Research of the Israeli Society for Cognitive Psychology*, Akko, Israel, February 2016.

Pirkner, Y., & **Kimchi, R.** Crowding as a diagnostic test for “objecthood”. *The 3rd Conference on Cognition Research of the Israeli Society for Cognitive Psychology*, Akko, Israel, February 2016.

Kimchi, R., & Pirkner, Y. Perceptual organization and crowding. *The 10th Meeting of the Configural Processing Consortium*, Chicago, November 2015.

Kimchi, R., & Pirkner, Y. Multiple level crowding: Crowding at the object parts Level and at the object configural level. *Psychonomic Society's 56th Annual Meeting*, Chicago, November 2015.

Itkes, O., **Kimchi, R.**, & Kron, A. Dissociating emotional response and knowledge about emotions. *The 6th International Conference on Emotions, Well-being and Health*, Tilburg, Netherlands, October 2015.

- Kimchi, R.**, Yeshurun, Y., & Spehar, B. Perceptual organization and visual Attention: Stimulus-driven attentional capture by objecthood. *The 38th European Conference on Visual Perception (ECVP)*, Liverpool, UK, August 2015.
- Rashal E., Yeshurun Y., & **Kimchi R.** When do we need attention for grouping? *The 38th European Conference on Visual Perception (ECVP)*, Liverpool, UK, August 2015.
- Kimchi R.** Perceptual organization and visual attention: Can perceptual organization affect the automatic deployment of attention? *Max Wertheimer MINERVA Center for Cognitive Processes and Human Performance: The Tenth Meeting of the Advisory Council*. University of Haifa, Israel, March 2015.
- Rashal E., Yeshurun Y., & **Kimchi R.** Competition between grouping principles: a primed-matching study. *The 2nd Conference on Cognition Research of the Israeli Society for Cognitive Psychology*, Akko, Israel, February 2015.
- Soloveichick, R., **Kimchi, R.**, & Gabay, S. Subcortical involvement of global and local processing. *The 2nd Conference on Cognition Research of the Israeli Society for Cognitive Psychology*, Akko, Israel, February 2015.
- Pirkner, Y., & **Kimchi, R.** Multiple levels crowding: Between object parts and between object configural representations. *The 2nd Conference on Cognition Research of the Israeli Society for Cognitive Psychology*, Akko, Israel, February 2015.
- Peterson, M. A., Mojica, A., Salvagio, E., & **Kimchi, R.** Figural cues (not figures) reduce uncertainty regarding target location. *The 9th Meeting of the Configural Processing Consortium*, Long Beach, CA, USA, November 2014.
- Baruch O., **Kimchi R.**, & Goldsmith M. Object recognition: covert and overt attention to distinguishing features. *The 37th European Conference on Visual Perception (ECVP)*, Belgrad, Serbia, August 2014.
- Rashal E., Yeshurun Y., & **Kimchi R.** Competition between grouping principles: a primed-matching study. *The 37th European Conference on Visual Perception (ECVP)*, Belgrad, Serbia, August 2014.
- Kimchi, R.**, Behrmann, M., Avidan, G., & Amishav, R. Configural and featural information: Integrality in normal face processing, separability in prosopagnosia. *The 14th Annual Meeting of the Vision Sciences Society*, St. Pete Beach, Florida, USA, May 2014.
- Rashal, E., Yeshurun, Y., & **Kimchi, R.** Can a competition between grouping principles be resolved without attention? *The 14th Annual Meeting of the Vision Sciences Society*, St. Pete Beach, Florida, USA, May 2014.
- Pirkner, Y., & **Kimchi, R.** Surface Features Do Not Guide Object Continuity for Objects in Motion. *The 1st Conference on Cognition Research of the Israeli Society for Cognitive Psychology*, Akko, Israel, February 2014.
- Kimchi, R.**, Behrmann, M., Avidan, G., & Amishav, R. Configural and featural information: Integrality in normal face processing, separability in prosopagnosia. *The Annual Meeting of the Psychonomic Society*, Toronto, Ontario, Canada, November 2013.
- Kimchi, R.** The perceptual interaction between configural and featural facial information in normal face processing and in prosopagnosia. *The 8th Meeting of the Configural Processing Consortium*, York University, Toronto, Canada, November 2013.
- Rashal, E., **Kimchi, R.**, & Yeshurun, Y. Competition between grouping principles. *The 13th Annual Meeting of the Vision Sciences Society*, Naples FL, USA, May 2013.
- Kimchi, R.** Perceptual Organization: Not a monolithic entity but a multiplicity of processes. *Max Wertheimer MINERVA Center for Cognitive Processes and Human Performance: Evaluation Committee Meeting*. University of Haifa, Israel, March 2013.

Kimchi, R. Stimulus-driven attentional capture by ‘objecthood’. The *7th Meeting of the Configural Processing Consortium*, University of Minnesota, Minneapolis MN, USA, November 2012.

Baruch, O., **Kimchi, R.**, & Goldsmith, M. Object recognition: attention to distinguishing features. The *20th Annual Conference on Object Perception, Attention, and Memory*, Minneapolis MN, USA, November 2012.

Baruch, O., **Kimchi, R.**, & Goldsmith, M. Object recognition is an interactive iterative process. The *12th Annual Meeting of the Vision Sciences Society*, Naples FL, USA, May 2012.

Pirkner, Y., & **Kimchi, R.** Surface features do not guide object continuity even when spatiotemporal information is ambiguous. The *27th Annual Meeting of the International Society for Psychophysics*, Raanana, Israel, October 2011.

Salvagio, E., Mojica, A. J., **Kimchi, R.**, & Peterson, M. Reevaluating whether attention is drawn to figures. The *11th Annual Meeting of the Vision Sciences Society*, Naples FL, USA, May 2011.

Baruch, O., **Kimchi, R.**, & Goldsmith, M. Attention is directed to distinguishing features during object recognition. The *11th Annual Meeting of the Vision Sciences Society*, Naples FL, USA, May 2011.

Kimchi, R., & Amishav, R. Perceptual integrality of componential and configural information in faces. The *10th Annual Meeting of the Vision Sciences Society*, Naples FL, USA, May 2010.

Kimchi, R. Discussant, the *4th Meeting of the Configural Processing Consortium*, Tufts University, Boston, Mass, USA, November 2009.

Kimchi, R., Yeshurun, Y., & Sha’shua, G. Perceptual organization influences automatic deployment of attention. The *50th Annual Meeting of the Psychonomic Society*, Boston, Mass, USA, November 2009.

Mojica, A. J., Salvagio, E., **Kimchi, R.**, & Peterson, M. On the relationship between attention and figure-ground perception. The *9th Annual Meeting of the Vision Sciences Society*, Naples FL, USA, May 2009.

Amishav, R., & **Kimchi, R.** Perceptual interaction between component and configural properties in face perception. The *49th Annual Meeting of the Psychonomic Society*, Chicago IL, USA, November 2008.

Amishav, R., & **Kimchi, R.** Perceptual interactions between facial properties. The *16th Annual Conference on Object Perception, Attention, and Memory*, Chicago IL, USA, November 2008.

Kimchi, R. Discussant, the *3rd Meeting of the Configural Processing Consortium*, Notre Dame South Bend, Indiana, USA, November 2008.

Hadad, B., & **Kimchi, R.** Grouping of shape by perceptual closure: Effects of spatial proximity and collinearity. The *8th Annual Meeting of the Vision Sciences Society*, Naples FL, USA, May 2008.

Yeshurun, Y., **Kimchi, R.**, Sha’shua, G., & Carmel, T. Perceptual objects capture attention. The *8th Annual Meeting of the Vision Sciences Society*, Naples FL, USA, May 2008.

Kimchi, R., & Peterson, M. Figure-ground segmentation can occur without attention. The *8th Annual Meeting of the Vision Sciences Society*, Naples FL, USA, May 2008.

Kimchi, R. What does it mean that ‘the whole is different from the sum of its parts’: Explorations with face discrimination. The *2nd Meeting of the Configural Processing Consortium*, Long Beach CA, USA, November 2007.

Kimchi, R., & Peterson, M. Figure-ground segregation can occur under inattention. The *48th Annual Meeting of the Psychonomic Society*, Long Beach CA, USA, November 2007.

Kimchi, R. What does it mean that ‘the whole is different from the sum of its parts’? Discussant, the *1st Meeting of the Configural Processing Consortium*, Rice University Houston, USA, November 2006.

- Shomstein, S., **Kimchi, R.**, Hammer, M., & Behrmann, M. The fate of neglected stimuli. The 47th *Annual Meeting of the Psychonomic Society*, Houston TX, USA, November 2006.
- Kimchi, R.**, & Hadad, B. Developmental trends in utilizing perceptual closure for grouping of shape. The 47th *Annual Meeting of the Psychonomic Society*, Houston TX, USA, November 2006.
- Shomstein, S., Behrmann, M., Hammer, M., & **Kimchi, R.** Neglected Stimuli Influence Perception. The 6th *Annual Meeting of the Vision Sciences Society*, Sarasota FL, USA, May 2006.
- Kimchi, R.** Microgenesis and ontogenesis of perceptual organization. The 6th *Meeting of the Advisory Council, Max Wertheimer MINERVA Center for Cognitive Processes and Human Performance*, University of Haifa, Israel, February 2006.
- Kimchi, R.**, Yeshurun, Y., & Cohen-Savransky, A. Stimulus-driven attentional capture by objecthood. The 46th *Annual Meeting of the Psychonomic Society*, Toronto, Canada, November 2005.
- Behrmann, M., Thomas, C., **Kimchi, R.**, & Minshew, N. Visual perceptual organization in adults with autism. The 5th *annual meeting of the Vision Sciences Society*, Sarasota, FL, USA, May 2005.
- Thomas, C., Behrmann, M., **Kimchi, R.**, & Minshew, N. Global and local visual processing in autism: Insights from heterogeneous hierarchical letter stimuli. The meeting of the *Society for Cognitive Neuroscience*, New York, NY, USA, April 2005.
- Hadad, B., & **Kimchi, R.** Microgenesis and ontogenesis of perceptual organization of line configurations. The meeting of the *Israeli Society for Cognitive Psychology*, Ramat-Gan, Israel, October 2004.
- Kimchi, R.**, & Razpurker-Apfeld, I. Perceptual grouping and attention: Not all groupings are equal. The meeting of the *Israeli Society for Cognitive Psychology*, Ramat-Gan, Israel, October 2004.
- Kimchi, R.** Perceptual grouping and attention: Introduction to symposium. The meeting of the *Israeli Society for Cognitive Psychology*, Ramat-Gan, Israel, October 2004.
- Kimchi, R.**, & Cohen-Savransky, A. The effect of perceptual organization on spontaneous allocation of visual attention. The 4th *annual meeting of the Vision Sciences Society*, Sarasota, FL, USA, April 2004.
- Kimchi, R.**, Hadad, B. Perceptual organization of hierarchical stimuli: A developmental study. The 44th *Annual Meeting of the Psychonomic Society*, Vancouver, Canada, November 2003.
- Razpurker-Apfeld, I., & **Kimchi, R.** Attentional and temporal aspects of perceptual grouping. The 13th *Conference the European Society for Cognitive Psychology*, Granada, Spain, September 2003.
- Amishav, R., & **Kimchi, R.** Semantic processing of visually presented words: The magical numbers four, and five. The 13th *Conference of the European Society for Cognitive Psychology*, Granada, Spain, September 2003.
- Hadad, B., & **Kimchi, R.** Global and local processing of hierarchical patterns: A developmental study. The 13th *Conference of the European Society for Cognitive Psychology*, Granada, Spain, September 2003.
- Kimchi, R.**, & Razpurker-Apfeld, I. Perceptual grouping and attention. The 3rd *annual meeting of the Vision Sciences Society*, Sarasota, FL, USA, May 2003.
- Amishav, R., & **Kimchi, R.** The processing of visually presented words: The magical numbers three, four and five. The *Israeli Conference on Cognitive Psychology, Judgment and Decision Making*, Jerusalem, Israel, July 2002.
- Kimchi, R.**, & Hadad, B. Influence of past experience on perceptual grouping. The *Israeli Conference on Cognitive Psychology, Judgment and Decision Making*, Jerusalem, Israel, July 2002.
- Razpurker-Apfeld, I. & **Kimchi, R.** Grouping and attention. The *Israeli Conference on Cognitive Psychology, Judgment and Decision Making*, Jerusalem, Israel, July 2002.

- Kimchi, R.** Visual perceptual organization: An overview. The 4th Meeting of the Advisory Council, Max Wertheimer MINERVA Center for Cognitive Processes and Human Performance, University of Haifa, Israel, March 2002.
- Kimchi, R., & Razpurker-Apfeld, I.** Perceptual organization and attention. The 42nd Annual Meeting of the Psychonomic Society, Orlando, FL, USA, November 2001.
- Kimchi, R., & Hadad, B.** Past experience influences early perceptual organization. The 41st Annual Meeting of the Psychonomic Society, New Orleans, USA, November 2000.
- Behrmann, M., & **Kimchi, R.** Perceptual organization in visual agnosia. The 7th Annual Meeting of the Cognitive Neuroscience Society, San Francisco, CA, USA, April 2000.
- Kimchi, R.** Perceptual organization of line configuration: A microgenetic analysis. The 39th Annual Meeting of the Psychonomic Society, Dallas, USA, November 1998.
- Kimchi, R. & Navon, D.** Line orientation advantage may be due to relative judgment. The 4th Meeting of the Israeli Society for Cognitive Psychology, Tel-Aviv, Israel, October 1997.
- Kimchi, R.** The microgenesis of the perceptual organization of hierarchical patterns. The 37th Annual Meeting of the Psychonomic Society, Chicago, IL, USA, November 1996.
- Kimchi, R.** The microgenesis of the perceptual organization of multi-element visual patterns. The 9th Conference of the European Society for Cognitive Psychology, Wurzburg, Germany, September 1996.
- Kimchi, R.** The microgenesis of the representation of multi-element visual patterns. The 3rd Meeting of the Israeli Society for Cognitive Psychology, Beer-Sheva, Israel, October 1995.
- Kimchi, R.** Levels of stimulus structure versus levels of properties. The 33rd Annual Meeting of the Psychonomic Society, St. Louis, USA, November 1992.
- Gopher, D., **Kimchi, R.**, Seagull, J., Catz, I., & Trainin, O. Flying with dichoptic displays: The interplay between display characteristics and attention control. The 35th Annual Meeting of the Human Factors Society, Atlanta GA, USA, October 1992.
- Kimchi, R.** The perceptual dominance of configural properties. The 2nd Meeting of the Israeli Society for Cognitive Psychology, Tel-Aviv, Israel, October 1992.
- Kimchi, R.** The Perceptual primacy of wholistic properties. The 5th Conference of the European Society for Cognitive Psychology, Paris, France, September 1992.
- Kimchi, R., Trainin, O., & Gopher, D.** Can an eye serve as an effective cue for selective attention? The 32nd Annual Meeting of the Psychonomic Society, San Francisco, USA, November 1991.
- Gopher, D., Grunwald, A., Straucher, Z., & **Kimchi, R.** Tracking and letter classification under dichoptic and binocular conditions. The 34th Annual Meeting of the Human Factors Society, Orlando FL, USA, October 1990.
- Kimchi, R., Trainin, O., & Gopher, D.** Attention to eye versus attention to spatial location: What is a channel for visual attention? The 1st Meeting of the Israeli Society for Cognitive Psychology, Beer-Sheva, Israel, October 1990.
- Kimchi, R.** Categorization and part-whole perception in children. The 4th Meeting of the European Society for Cognitive Psychology, Como, Italy, September 1990.
- Kimchi, R., Rubin, Y., Gopher, D., & Raij, D.** Attention in dichoptic and binocular vision. The 33rd Annual Meeting of the Human Factors Society, Denver, USA, October 1989.
- Kimchi, R.** Children's perception of part-whole relationships in visual patterns. The 3rd Meeting of the European Society for Cognitive Psychology, Cambridge, England, September 1988.
- Kimchi, R.** Perceptual organization of visual forms. The Meeting of the Israeli Psychological Association, Tel-Aviv, Israel, 1987.

Kimchi, R. Dimensional analysis and selective attention. The 2nd Meeting of the European Society for Cognitive Psychology, Madrid, Spain, September 1987.

Kimchi, R. Human cognition and information processing. The meeting of the Western Psychological Association, San Francisco, USA, 1983.

Departmental colloquia/seminars

Perceptual organization and visual consciousness. *Vision & Cognition Seminar, Brain Mind Institute at the EPFL, Lausanne* Switzerland, January 2021; *Consciousness Seminar, Tel Aviv University*, December 2020.

Can perceptual organization unfold in the absence of visual consciousness? *School of Optometry and Vision Science, Faculty of Life Sciences, Bar Ilan University, Israel*, February 2019.

Perceptual organization, visual attention, and objecthood. *The Open University, Israel*, December 2016. *Colloquium of the Experimental/Neuro-Cognitive Psychology Programs, Munich University*, April 2015. *Colloquium of the Cognitive Psychology and Brain and Cognition Programs, Tel Aviv University*, March 2015.

Perceptual organization and visual attention. *Cognitive Science Colloquium, University of Arizona, Tucson, AZ, USA*, April 2013. *Cognition & Perception Colloquium, New York University, New York, NY, USA*, March 2013

Faces as perceptual wholes: The interplay between component and configural properties in face processing. *SNAC talk series, University of Haifa*, October 2011.

Visual attention and perceptual organization. *Minerva Workshop, University of Haifa, Israel*, 2005.

Issues in the perceptual organization of visual objects. *Cognitive Seminar, Hebrew University, Jerusalem, Israel*, 2004.

Perceptual grouping: Time course and attentional demands. *Cognitive and Neuropsychological Forum, Ben-Gurion University, Israel*, 2002.

Visual perceptual organization. *Brain and Behavior Seminar, Technion, Israel*, 2001.

Organization of visual forms: Effects of stimulus factors and experience. *Center for the Neural Basis of Cognition, Carnegie Mellon– University of Pittsburgh, Pittsburgh, PA, USA*, 2000.

Perceptual organization of visual objects: A microgenetic approach. *Department of Psychology, Carnegie Mellon University, Pittsburgh, PA, USA*, 1999.

Uniform connectedness and grouping in visual form perception. *Tel Aviv University, Israel*, 1997.

Object perception. *National Institute for Testing and Evaluation, Jerusalem*, 1997.

Perceptual organization in object perception. *Max Planck Institute for Psychological Research, Munich, Germany*, 1995.

Holistic processing in object perception. *Department of Psychology, University of California, Berkeley, CA, USA*, 1994.

The role of configural properties in object perception. *Beckman Institute for Advanced Science and Technology, University of Illinois at Urbana-Champaign, IL, USA*, 1994.

Holistic processes in visual form perception. *Department of Psychology, University of Illinois at Urbana-Champaign, IL, USA*, 1993.

Configural properties versus global properties in object discrimination and classification. *Nijmegen Institute for Cognition and Information, Nijmegen, Netherlands*, 1993.

Perceptual primacy of holistic properties. *Cognitive Seminar, Bar-Ilan University, Israel*, 1993.

Perception of global and local aspects of visual forms. *Cognitive Seminar, Bar-Ilan University, Israel, 1987.*

Perceptual structure of hierarchical visual forms. *Institute of Information Processing and Decision Making, University of Haifa, Israel, 1985.*

Perception of form, parts, and texture. *Salk Institute, La Jolla CA, USA, 1985.*

Dimensional interactions in visual forms. *Center of Human Information Processing, University of California San Diego, La Jolla CA, USA, 1984.*

Perceived organization of visual pattern. *Department of Psychology, University of California Davis, Davis CA, USA, 1983.*

Research Grants

Can perceptual organization unfold in the absence of visual consciousness? Israel Science Foundation (ISF). (PI) 2015-2019 (NIS 200,000 per year).

Perceptual skills in high functioning autism. Ministry of Defense. (PI with Einat Gal, Yoram Bonne, Joel Norman) (NIS 280,000), 2012-2014.

Role of attention in object recognition: an interactive iterative framework. Israel Science Foundation (ISF). (PI with Morris Goldsmith) (\$164,103), 2010-2014.

Laboratory for the Study of Dynamic Cognitive Processing. Minerva Foundation (Equipment fund) (EURO 105,000), 2010-2011.

Perceptual organization and visual Attention: Stimulus-driven attentional capture by a perceptual object. Israel Science Foundation (ISF). (PI) (\$83,942), 2006-2009.

Visual Perceptual Organization: Psychological and Neural Mechanisms. United States-Israel Binational Science Foundation (BSF). (PI with Marlene Behrmann) (\$150,000), 2000-2003.

Perceptual individuation and grouping processes in enumeration: Investigation from cognitive and neuropsychological perspectives. Israel Science Foundation (ISF). (PI with Zohar Eviatar) (\$70,821), 1998-2002.

Conscious and unconscious processes in cognition. Zeit -Stiftung Ebelin Und Gerd Bucerius Foundation. (PI with Asher Koriat, David Navon, Joel Norman, Morris Goldshmit, and Zohar Eviatar) (DM 800,000), 1997-2000.

Mobile field laboratory of cognitive and ergonomic experiments. Israel Science Foundation (ISF) (Equipment grant, with Asher Koriat and Joel Norman) (\$39,000), 1997.

Max Planc Foundation. Fund awarded for the establishment of Max Wertheimer MINERVA Center for Cognitive Processes and Human Performance. (PI with Asher Koriat, Daniel Gopher, Joel Norman, Morris Goldsmith, and Ido Erev) (DM 4,000,000 endowment fund + DM 240,000 for scientific equipment), 1996-2019.

The microgenesis of the perceptual organization of visual patterns. Israel Foundations Trustees. (PI) (\$25,000), 1996-1998.

The perceptual primacy of holistic properties. Israeli Academy of Sciences and Humanities. (PI) (\$54,000), 1991-1994.

Perceptual and attentional processes in dichoptic vision. NASA, USA. (PI with Daniel Gopher) (\$175,000), 1987-1991.

Is a stimulus in a pattern a texture molecule or a figural part? Israeli Academy of Sciences and Humanities. (PI with David Navon) (\$20,000), 1987-1990.

Hemispheric processing of local form, global form, and texture. University of Haifa, Research Authority. (PI), 1987-1988.

Scholarships and Awards

Rock Memorial Lecture, University of California Berkeley, CA, 2013.

Elected Fellow, Association for Psychological Science, 2006.

Max Wertheimer Lecture, Johann Wolfgang Goethe-University, Frankfurt, 2002.

University of Haifa Research Authority Award for receiving very high scores in external grants, 1995-1998; 2003-2005.

Technion V.P.R. Fund - Henri Gutwirth Fund for the Promotion of Research, 1986-1987.

University Graduate Fellowship, University of California Berkeley, 1979-1982.

American Association of University Women International Fellowship, 1979-1980.

E.A.P. Scholarship, University of California Berkeley, 1976-1977; 1978-1979.

Fulbright Fellowship, 1976-1982

Hebrew University Graduate Scholarship, 1971-1973.

Teaching

a. Courses Taught

Undergraduate:

Experimental Psychology; Statistics for Psychologists; Cognitive Development;
Research Seminar: Selected issues in Object perception; Research Seminar: Selected issues in Perceptual organization

Graduate:

Sensation and Perception; Attention and Performance; Object Perception in Adults and Children; Object and Face Perception; Visual Cognition; Perceptual Organization; Attention and Consciousness; Research Practicum; Advanced Research Practicum

b. Supervision of Graduate and Post-graduate Students

Ph.D.

Larisa Olteanu (2021); Oksana Itkes (2019); Yossef Pirkner (2017); Einat Rashal (2016); Orit Baruch (2012); Yaron Alima (2010); Rama Amishav (2009); Batsheva Hadad (2006, summa cum laude); Irene Razpurker-Apfeld (2002).

M.A./M.Sc.

Shahar Sabary (2019); Joshua Kotler (2017); Ruth Peled (2014); Yossef Pirkner (2012); Sari Eran (2011); Barak Sofer (2006); Aliza Cohen-Savransky (2005); Ido Nagid (2005); Ortal Saroff (2003); Rama Amishav (2002); Elisheva Peled (2000); Batsheva Hadad (2000); Anat Sulitzeanu-Kenan (1998); Rakefet Arbel (1998); Ori Trainin (1993); Anat Telem (co-supervised with S. Rakover; 1992); Ronen Kesten (co-supervised with D. Navon; 1990); Yifat Rubin (1989); Ilana Merhav (1988); Cynthia Bigio (1988); Yoram Lavon (co-supervised with Z. Eilam; 1988).

Post Doctorate Students

Dr. Dina Devyatko (2014-2021)

Dr. Andrei Teodorescu (2016-2018)

PUBLICATIONS

- Marciano, H., Gal, E., **Kimchi, R.**, Hedley, D., Goldfarb, Y. & Bonne, Y. (2021). Visual detection and decoding skills of aerial photography by adults with Autism Spectrum Disorder (ASD). *Journal of Autism and Developmental Disorders*, doi.org/10.1007/s10803-021-05039-z.
- Soloveichick, M., **Kimchi, R.**, & Gabay, S. (2021). Functional involvement of subcortical structures in global-local processing. *Cognition*, 206. DOI: 10.1016/j.cognition.2020.104476
- Devyatko, D., & Kimchi, R. (2020). Visual awareness is essential for grouping based on mirror symmetry. *Symmetry*, 12, 1872; doi:10.3390/sym12111872.
- Sabary, S., Devyatko, D., & **Kimchi, R.** (2020). The role of visual awareness in processing of global structure: Evidence from the perceptual organization of hierarchical patterns. *Cognition*, 205, 104442. DOI: 10.1016/j.cognition.2020.104442
- Shalev, H., Setter, P., **Kimchi, R.**, & Hel-Or, H. (2020). Hiding Data in Images Using Spectral Filtering and Deep Neural Networks. *2020 International Joint Conference on Neural Networks (IJCNN)*, Glasgow, UK, 2020, pp. 1-9, doi: 10.1109/IJCNN48605.2020.9207126.
- Hadad, B., Russo, N., **Kimchi, R.**, Babineau, V., & Burack, J. (2019). Typical utilization of Gestalt grouping cues in shape perception by persons with ASD. *Perception*, 48(12), 1175–1196. DOI: 10.1177/0301006619874681
- Devyatko, D., Sabary, S., & **Kimchi, R.** (2019). Perceptual organization of line configurations: Is visual awareness necessary? *Consciousness and Cognition*, 70, 101-115. doi.org/10.1016/j.concog.2019.02.005
- Kimchi, R.**, Devyatko, D., & Sabary, S. (2018). Can perceptual grouping unfold in the absence of awareness? Comparing grouping during continuous flash suppression and sandwich masking. *Consciousness and Cognition*, 60, 37-51. doi.org/10.1016/j.concog.2018.02.009.
- Baruch, O., **Kimchi, R.**, & Goldsmith, M. (2018). Attention to distinguishing features in object recognition: An interactive-iterative framework. *Cognition*, 170, 228-244. http://dx.doi.org/10.1016/j.cognition.2017.10.007
- Hadad, B., & **Kimchi, R.** (2018). Perceptual completion of partly occluded contours during childhood. *Journal of Experimental Child Psychology*, 167,49-61.
- Barbot, A., Liu, S., **Kimchi, R.**, & Carrasco, M. (2018). Attention enhances apparent perceptual organization. *Psychonomic Bulletin & Review*, 25:1824–1832. DOI 10.3758/s13423-017-1365-x
- Pirkner Y. & **Kimchi, R.** (2017). Crowding and perceptual organization: Target's objecthood influences the relative strength of part-level and configural-level crowding. *Journal of Vision*. 17(11):7, 1–18, doi:10.1167/17.11.7.
- Rashal, E. Yeshurun, Y. & **Kimchi, R.** (2017). Attentional requirements in perceptual grouping depend on the processes involved in the organization. *Attention, Perception & Psychophysics*, 79, 2073–2087. DOI 10.3758/s13414-017-1365-y
- Itkes, O, **Kimchi, R.**, Haj Ali, H., Shapiro, A., & Kron, A. (2017). Dissociating affective and semantic valence. *Journal of Experimental Psychology: General*, 146, 924-942. http://dx.doi.org/10.1037/xge0000291
- Rashal, E. Yeshurun, Y. & **Kimchi, R.** (2017). The time course of the competition between grouping organizations. *Journal of Experimental Psychology: Human Perception and Performance*, 43(3), 608–618.
- Peterson, M. A., Mojica, A. J., Salvagio, E., & **Kimchi, R.** (2017). Figural properties are prioritized for search under conditions of uncertainty: Setting boundary conditions on claims that figures automatically attract attention. *Attention, Perception & Psychophysics*, 79:180–199.

- Kimchi, R.**, Yeshurun, Y., Spehar, B., & Pirkner, Y. (2016). Perceptual organization, visual attention, and objecthood. *Vision Research*, *126*, 34-51. doi:10.1016/j.visres.2015.07.008
- Kimchi, R.**, & Pirkner, Y. (2015). Multiple level crowding: Crowding at the object parts level and at the object configural level. *Perception* *44*(11), 1275–1292, DOI: 10.1177/0301006615594970
- Kimchi, R.** (2015). The perception of hierarchical structure. In J. Wagemans (Ed.), *Oxford Handbook of Perceptual Organization* (pp. 129-149). Oxford University Press: Oxford, UK.
- Behrmann, M., Richler, J. J., Avidan, G., & **Kimchi, R.** (2015). Holistic face perception. In J. Wagemans (Ed.), *Oxford Handbook of Perceptual Organization* (758-774). Oxford University Press: Oxford, UK.
- Baruch, O., **Kimchi, R.**, & Goldsmith, M. (2014). Attention to Distinguishing Features in Object Recognition. *Visual Cognition*, *22*:9-10, 1184-1215, DOI: 10.1080/13506285.2014.987860
- Kimchi, R.**, & Pirkner Y. (2014). Surface features congruency effects in the object-reviewing paradigm are dependent on task memory demands. *Psychonomic Bulletin & Review*, *21*(4), 1019-25.
- Peterson, M. A., & **Kimchi, R.** (2013). Perceptual organization in vision. In D. Reisberg (Ed.), *Oxford Handbook of Cognitive Psychology* (pp. 9-31). New York: Oxford University Press.
- Kimchi, R.**, Behrmann, M., Avidan, G., & Amishav, R. (2012). Perceptual separability of featural and configural information in congenital prosopagnosia. *Cognitive Neuropsychology*, *29*:5-6, 447-463, doi: 10.1080/02643294.2012.752723
- Wagemans, J., Feldman, J., Gepshtein, S., **Kimchi, R.**, Pomerantz, J. R., van der Helm, P. A., & van Leeuwen, C. (2012). A century of Gestalt psychology in visual perception: II. Conceptual and theoretical foundations. *Psychological Bulletin*, *138*(6), 1218-1252.
- Kimchi, R.** (2012). Ontogenesis and microgenesis of visual perceptual organization. In J. A. Burack, J. T. Enns, & N. A. Fox (Eds.), *Cognitive Neuroscience, Development, and Psychopathology* (pp. 101-131). New York: Oxford University Press.
- Pirkner, Y., & **Kimchi, R.** (2011). Surface features do not guide object continuity even when spatiotemporal information is ambiguous. In D. Algom, D. Zakay, E. Chajut, S. Shaki, Y. Mama, & V. Shakuf (Eds.). *Fechner Day 2011* (pp. 299-304). Raanana, Israel: International Society for Psychophysics.
- Kimchi, R.**, & Amishav, R. (2010). Faces as perceptual wholes: The interplay between component and configural properties in face processing. *Visual Cognition*, *18*(7), 1034-1062.
- Amishav, R., & **Kimchi, R.** (2010). Perceptual integrality of componential and configural information in face processing. *Psychonomic Bulletin & Review*, *17*(5), 743-748.
- Shomstein, S., **Kimchi, R.**, Hammer, M., & Behrmann, M. (2010). Perceptual grouping operates independently of attentional selection. *Attention, Perception & Psychophysics*, *72*(3), 607-618.
- Behrmann, M., Shomstein, S., & **Kimchi, R.** (2010). Conscious awareness of methodological choices: A reply to Milberg and McGlinchey. *Attention, Perception & Psychophysics*, *72*(3), 622-627.
- Kimchi, R.** (2009). Perceptual organization and visual attention. *Progress in Brain Research*, *176*, 15-33.
- Yeshurun, Y., **Kimchi, R.**, Sha'shoua, G., & Carmel, T. (2009). Perceptual objects capture attention. *Vision Research*, *49*, 1329-1335.
- Kimchi, R.**, Amishav, R., & Sulitzeanu-Kenan, A. (2009). Gender differences in global-local perception? Evidence from orientation and shape judgments. *Acta Psychologica*, *130*, 64-71.
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- Amishav, R., & **Kimchi, R.** (2008). Perceptual interactions between facial properties. *Visual Cognition*, *16*, 1093-1097.
- Hadad, B., & **Kimchi, R.** (2008). Time course of grouping of shape by perceptual closure: Effects of spatial proximity and collinearity. *Perception & Psychophysics*, *70*, 818-827.
- Scherf, K. S., Luna, B., **Kimchi, R.**, Minshew, N., & Behrmann, M. (2008). Missing the big picture: Impaired development of global shape processing in autism. *Autism Research*, *1*, 114-129.
- Kimchi, R.**, Yeshurun Y., & Cohen-Savransky, A. (2007). Automatic, stimulus-driven attentional capture by objecthood. *Psychonomic Bulletin & Review*, *14*(1), 166-172.
- Razpurker-Apfeld, I., & **Kimchi, R.** (2007). Time course of perceptual grouping: The role of segregation and shape formation. *Perception & Psychophysics*, *69*, 732-743.
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- Behrmann, M., Avidan, G., Marotta, J. J., & **Kimchi, R.** (2005). Detailed exploration of face-related processing in congenital prosopagnosia: 1. Behavioral findings. *Journal of Cognitive Neuroscience*, *17*:7, 1130-1149.
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- Kimchi, R.**, & Razpurker-Apfeld, I. (2004). Perceptual grouping and attention: Not all groupings are equal. *Psychonomic Bulletin & Review*, *11*, 687-696.
- Navon, D., & **Kimchi, R.** (2004). The Beck effect is back, now in color: A demonstration. *Psychonomic Bulletin & Review*, *11*, 98-103.
- Kimchi, R.**, Behrmann, M., & Olson, C. (Eds.) (2003). *Perceptual organization in vision: Behavioral and neural perspectives*. Mahwah, NJ: Erlbaum.
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- Kimchi, R.** (2003). Visual perceptual organization: A microgenetic analysis. In R. Kimchi, M. Behrmann, & C. R. Olson (Eds.), *Perceptual organization in vision: Behavioral and neurological perspectives* (pp. 117-153). Hillsdale, NJ: Erlbaum.
- Kimchi, R.** (2003). Relative dominance of holistic and component properties in perceptual organization of visual objects. In M. Peterson, & G. Rhodes (Eds.), *Perception of faces, objects, and scenes: Analytic and holistic processes* (pp. 235-268). Oxford University Press.
- Behrmann, M., & **Kimchi, R.** (2003). What does visual agnosia tell us about perceptual organization and its relationship to object perception? *Journal of Experimental Psychology: Human Perception and Performance*, *29*, 19-42.
- Kimchi, R.**, & Hadad, B. (2002). Influence of past experience on perceptual grouping. *Psychological Science*, *13*, 41-47.
- Meinecke, C., & **Kimchi, R.**, & Grandegger, C. (2002). A reversal in the direction of detection asymmetry: Effects of spatial density, spatial regularity, and retinal eccentricity. *Perception &*

- Psychophysics*, 64, 829-843.
- Kimchi, R.** (2000). Perceptual organization of visual objects: A microgenetic analysis. *Vision Research*, 40, 1333-1347.
- Kimchi, R., & Navon, D.** (2000). Relative judgment seems to be the key: Revisiting the Beck effect. *Journal of Experimental Psychology: Human Perception and Performance*, 26, 789–805.
- Kimchi, R., & Bloch, B.** (1998). Dominance of configural properties in visual form perception. *Psychonomic Bulletin & Review*, 5, 135-139.
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- Kimchi, R., Trainin, O., & Gopher, D.** (1995). Can attention be directed voluntarily to an eye? *Acta Psychologica*, 89, 229-238.
- Kimchi, R.** (1994). The role of wholistic/configural properties versus global properties in visual form perception. *Perception*, 23, 489-504.
- Kimchi, R.** (1993). Basic-level categorization and part-whole perception in children. *Bulletin of the Psychonomic Society*, 31, 23-26.
- Kimchi, R., Gopher, D., Rubin, Y., & Rajj, D.** (1993). Performance under dichoptic and binocular viewing conditions: Effects of attention and task requirements. *Human Factors*, 35, 35-55.
- Kimchi, R.** (1992). Primacy of wholistic processing and global/local paradigm: A critical review. *Psychological Bulletin*, 112, 24-38.
- Kimchi, R., & Goldsmith, M.** (1992). Structure and process in perceptual organization. In B. Burns (Ed.), *Percepts, concepts, and categories: The representation and processing of information* (pp. 76-105). Amsterdam: Elsevier Science Publications.
- Kimchi, R., & Goldsmith, M.** (1992). Commentary on Essock. In B. Burns (Ed.), *Percepts, concepts, and categories: The representation and processing of information* (pp. 37-38). Amsterdam: Elsevier Science Publications.
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- Kimchi, R., & Merhav, I.** (1991). Hemispheric processing of global form, local form, and texture. *Acta Psychologica*, 76, 133-147.
- Kimchi, R.** (1990). Children's perceptual organization of hierarchical visual patterns. *The European Journal of Cognitive Psychology*, 2, 133-149.
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- Kimchi, R., Rubin, Y., Gopher, D., & Rajj, D.** (1989). Attention in dichoptic and binocular vision. *Proceedings of the Human Factors Society*, 2, 1435-1439.
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- Kimchi, R.** (1988). Selective attention to global and local levels in the comparison of hierarchical patterns. *Perception & Psychophysics*, *43*, 189-198.
- Raij, D., Gopher, D., & **Kimchi, R.** (1987). Perceptual and motor determinants of efficient data entry. *Proceedings of the Human Factors Society*, *2*, 820-824.
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- Kimchi, R.**, & Palmer, S. E. (1985). Separability and integrality of global and local levels of hierarchical patterns. *Journal of Experimental Psychology: Human Perception and Performance*, *11*, 673-688.
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- Kimchi, R.** (1982). Mental effort and task interference in auditory attention. *Perception & Psychophysics*, *32*, 473-480.

Published Abstracts

- Kimchi, R.** (2019). Perceptual Organization and Visual Consciousness. *Perception*, *48*(2S), p. 68.
- Sabary, S., Devyatko, D., & **Kimchi, R.** (2019). Perceptual Organization of Hierarchical Patterns: Grouping Local Elements into a Global Configuration Requires Visual Consciousness. *Perception*, *48*(S1), p. 127.
- Devyatko, D., & Sabary, S., & **Kimchi, R.** (2017). Can organization into a configuration take place in the absence of visual awareness? *European Conference on Visual Perception 2017, Abstract Book*. p. 201-202.
- Kimchi, R.**, Devyatko, D., & Sabary, S. (2017). "Can perceptual grouping unfold in the absence of visual consciousness?" *Journal of Vision* *17*(10): 170-170.
- Devyatko, D., Sabary, S., & **Kimchi, R.** (2016). No evidence for perceptual grouping in the absence of visual consciousness. *Perception* *45*(S2), p. 36.
- Rashal, E., **Kimchi, R.**, & Wagemans, J. (2016). Depth perception affects figure-ground organization by symmetry under inattention. *Perception* *45*(S2), p. 256.
- Kimchi, R.**, & Pirkner, Y. (2015). Multiple level crowding: Crowding at the object parts level and at the object configural level. *Abstracts of the Psychonomic Society*, *48*(225).
- Kimchi, R.**, Yeshurun, Y., & Spehar, B. (2015). Perceptual Organization and Visual Attention: Attentional Capture by Objecthood. *Perception* *44*(S1), p. 194.
- Rashal, E., Yeshurun, Y., & **Kimchi, R.** (2015). When do we need attention for grouping? *Perception* *44*(S1), p. 250.
- Kimchi, R.**, & Pirkner, Y. (2014). Multiple levels of crowding. *Abstracts of the Psychonomic Society*, *51*(237).
- Rashal E., Yeshurun Y., & **Kimchi R.** (2014). Competition between grouping principles: a primed-matching study. *Perception* *43* ECVF Abstract Supplement, p. 176.
- Baruch, O., **Kimchi, R.**, & Goldsmith, M. (2014). Object recognition: covert and overt attention to distinguishing features. *Perception* *43* ECVF Abstract Supplement, p. 27.

- Kimchi, R.**, Behrmann, M., Avidan, G., & Amishav, R. (2014). Configural and featural facial information: integrality in normal face processing, separability in prosopagnosia. *Journal of Vision*, *14*(10): 206; doi:10.1167/14.10.206
- Rashal, E., Yeshurun, Y., & **Kimchi, R.** (2014). Can a competition between grouping principles be resolved without attention? *Journal of Vision*, *14*(10): 805; doi:10.1167/14.10.805
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- Baruch, O., **Kimchi, R.**, & Goldsmith, M. (2012). Object Recognition is an Interactive Iterative Process. *Journal of Vision*, *12*(9): 270; doi:10.1167/12.9.270
- Baruch, O., **Kimchi, R.**, & Goldsmith, M. (2011). Attention is directed to distinguishing features during object recognition. *Journal of Vision*, *11*(11): 866; doi:10.1167/11.11.866.
- Salvagio, E., Mojica, A., **Kimchi, R.**, & Peterson, M. (2011). Reevaluating whether attention is drawn to figures. *Journal of Vision*, *11*(11): 1104; doi:10.1167/11.11.1104.
- Kimchi, R.**, & Amishav, R. (2010). Interactive Processing of Componential and Configural Information in Face Perception. *Journal of Vision*, *10*(7): 675; doi:10.1167/10.7.675.
- Kimchi, R.**, Yeshurun, Y., & Sha'shoua, G. (2009). Perceptual organization influences automatic deployment of attention. *Abstracts of the Psychonomic Society*, *8*(56).
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- Amishav, R., & **Kimchi, R.** (2008). Perceptual Interaction between Component and Configural Properties in Face Perception. *Abstracts of the Psychonomic Society*, *69*(2001).
- Hadad, B.-S., & **Kimchi, R.** (2008). Grouping of shape by perceptual closure: Effects of spatial proximity and collinearity [Abstract]. *Journal of Vision*, *8*(6):582, 582a, <http://journalofvision.org/8/6/582/>, doi:10.1167/8.6.582.
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- Amishav, R., & **Kimchi, R.** (2003). Semantic processing of visually presented words: The magical numbers four and five. *Book of Abstracts: XIII Conference of the European Society for Cognitive Psychology*, 346(P2-28).
- Hadad, B., & **Kimchi, R.** (2003). Global and local processing of hierarchical patterns: A developmental study. *Book of Abstracts: XIII Conference of the European Society for Cognitive Psychology*, 417(P2-192).
- Razpurker-Apfeld, I., & **Kimchi, R.** (2003). Attentional and temporal aspects of perceptual grouping. *Book of Abstracts: XIII Conference of the European Society for Cognitive Psychology*, 286(8D2).
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