Brian R Baucom

List of Publications by Year
in descending order

112 papers	2,730 citations	218677 26 h-index	233421 45 g-index
122 all docs	122 docs citations	122 times ranked	2673 citing authors

#	Article	IF	Citations
1	Marital status and satisfaction five years following a randomized clinical trial comparing traditional versus integrative behavioral couple therapy.. Journal of Consulting and Clinical Psychology, 2010, 78, 225-235.	2.0	188
2	Social support, social integration, and inflammatory cytokines: A meta-analysis.. Health Psychology, 2018, 37, 462-471.	1.6	174
3	The association of therapist empathy and synchrony in vocally encoded arousal.. Journal of Counseling Psychology, 2014, 61, 146-153.	2.0	115
4	Adolescents' Aggression to Parents: Longitudinal Links With Parents' Physical Aggression. Journal of Adolescent Health, 2014, 55, 645-651.	2.5	87
5	Toward automating a human behavioral coding system for married couples' interactions using speech acoustic features. Speech Communication, 2013, 55, 1-21.	2.8	84
6	Community violence exposure and adolescents' school engagement and academic achievement over time.. Psychology of Violence, 2013, 3, 381-395.	1.5	81
7	Emotion dysregulation and dyadic conflict in depressed and typical adolescents: Evaluating concordance across psychophysiological and observational measures. Biological Psychology, 2014, 98, 50-58.	2.2	71
8	Mechanisms of Contextual Risk for Adolescent Self-Injury: Invalidation and Conflict Escalation in Mother–Child Interactions. Journal of Clinical Child and Adolescent Psychology, 2013, 42, 467-480.	3.4	70
9	Gender, topic, and time in observed demand–withdraw interaction in cross- and same-sex couples.. Journal of Family Psychology, 2010, 24, 233-242.	1.3	67
10	Startle modulation before, during and after exposure to emotional stimuli. International Journal of Psychophysiology, 2002, 43, 191-196.	1.0	65
11	Community-Based Prevention of Marital Dysfunction: Multilevel Modeling of a Randomized Effectiveness Study.. Journal of Consulting and Clinical Psychology, 2004, 72, 933-943.	2.0	65
12	Prediction of response to treatment in a randomized clinical trial of couple therapy: A 2-year follow-up.. Journal of Consulting and Clinical Psychology, 2009, 77, 160-173.	2.0	65
13	The language of demand/withdraw: Verbal and vocal expression in dyadic interactions.. Journal of Family Psychology, 2011, 25, 570-580.	1.3	53
14	Women's weekly relationship functioning and depressive symptoms. Personal Relationships, 2008, 15, 533-550.	1.5	49
15	Topic models: A novel method for modeling couple and family text data.. Journal of Family Psychology, 2012, 26, 816-827.	1.3	49
16	Fundamental frequency during couple conflict: An analysis of physiological, behavioral, and sex-linked information encoded in vocal expression.. Journal of Family Psychology, 2013, 27, 212-220.	1.3	46
17	Brief Report: A Pilot Study of Parent–Child Biobehavioral Synchrony in Autism Spectrum Disorder. Journal of Autism and Developmental Disorders, 2015, 45, 4140-4146.	2.7	43
18	Toward a social psychophysiology of vagally mediated heart rate variability: Concepts and methods in self-regulation, emotion, and interpersonal processes. Social and Personality Psychology Compass, 2020, 14, e12516.	3.7	42

#	ARTICLE	IF	CITATIONS
19	Electronic Aggression Among Emerging Adults. Emerging Adulthood, 2013, 1, 293-304.	2.4	41
20	Validation of the five-factor model of PTSD symptom structure among delinquent youth.. Psychological Trauma: Theory, Research, Practice, and Policy, 2014, 6, 438-447.	2.1	38
21	Intimate relationships, individual adjustment, and coronary heart disease: Implications of overlapping associations in psychosocial risk.. American Psychologist, 2017, 72, 578-589.	4.2	38
22	Head Motion Modeling for Human Behavior Analysis in Dyadic Interaction. IEEE Transactions on Multimedia, 2015, 17, 1107-1119.	7.2	36
23	Examining the relation between respiratory sinus arrhythmia and depressive symptoms in emerging adults: A longitudinal study. Biological Psychology, 2015, 110, 34-41.	2.2	34
24	Revised scoring and improved reliability for the Communication Patterns Questionnaire.. Psychological Assessment, 2017, 29, 913-925.	1.5	34
25	Sympathetic Under-Arousal and Externalizing Behavior Problems in Children with Autism Spectrum Disorder. Journal of Abnormal Child Psychology, 2018, 46, 895-906.	3.5	34
26	Coregulation of therapist and client emotion during psychotherapy. Psychotherapy Research, 2020, 30, 591-603.	1.8	33
27	Prediction of treatment response at 5-year follow-up in a randomized clinical trial of behaviorally based couple therapies.. Journal of Consulting and Clinical Psychology, 2015, 83, 103-114.	2.0	32
28	Momentary precipitants connecting stress and smoking lapse during a quit attempt.. Health Psychology, 2019, 38, 1049-1058.	1.6	31
29	New Frontiers in Ambulatory Assessment. Social Psychological and Personality Science, 2017, 8, 552-563.	3.9	30
30	Behaviorally-based couple therapies reduce emotional arousal during couple conflict. Behaviour Research and Therapy, 2015, 72, 49-55.	3.1	29
31	The interpersonal process model of demand/withdraw behavior.. Journal of Family Psychology, 2015, 29, 80-90.	1.3	29
32	Modeling Coordination in Multiple Simultaneous Latent Change Scores. Multivariate Behavioral Research, 2014, 49, 554-570.	3.1	25
33	Associations of patient-rated emotional bond and vocally encoded emotional arousal among clinicians and acutely suicidal military personnel.. Journal of Consulting and Clinical Psychology, 2018, 86, 372-383.	2.0	25
34	Findings from a couple-based open trial for adult anorexia nervosa.. Journal of Family Psychology, 2017, 31, 584-591.	1.3	25
35	Greater emotional arousal predicts poorer long-term memory of communication skills in couples. Behaviour Research and Therapy, 2012, 50, 442-447.	3.1	24
36	Electrodermal Variability and Symptom Severity in Children with Autism Spectrum Disorder. Journal of Autism and Developmental Disorders, 2017, 47, 1062-1072.	2.7	24

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37	Correlates and characteristics of adolescents' encoded emotional arousal during family conflict.. Emotion, 2012, 12, 1281-1291.	1.8	22
38	Changes in dyadic communication during and after integrative and traditional behavioral couple therapy. Behaviour Research and Therapy, 2015, 65, 18-28.	3.1	22
39	Cardiovascular Reactivity During Marital Conflict in Laboratory and Naturalistic Settings: Differential Associations with Relationship and Individual Functioning Across Contexts. Family Process, 2018, 57, 662-678.	2.6	22
40	A pilot open trial of UNITEâ€BED: A coupleâ€based intervention for bingeâ€eating disorder. International Journal of Eating Disorders, 2018, 51, 1107-1112.	4.0	22
41	Substance Use, Aggression Perpetration, and Victimization. Journal of Interpersonal Violence, 2013, 28, 2849-2872.	2.0	21
42	Relative Contributions of Relationship Distress and Depression to Communication Patterns in Couples. Journal of Social and Clinical Psychology, 2007, 26, 689-707.	0.5	20
43	Emotional arousal predicts observed social support in German and American couples talking about breast cancer.. Journal of Family Psychology, 2015, 29, 744-754.	1.3	19
44	Relationship Power, Sociodemographics, and Their Relative Influence on Sexual Agreements Among Gay Male Couples. AIDS and Behavior, 2016, 20, 1302-1314.	2.7	19
45	Disorder-specific patterns of emotion coregulation in couples: Comparing obsessive compulsive disorder and anorexia nervosa.. Journal of Family Psychology, 2017, 31, 304-315.	1.3	19
46	Everyday couplesâ€™ communication research: Overcoming methodological barriers with technology. Patient Education and Counseling, 2018, 101, 551-556.	2.2	19
47	The Binge Eating Genetics Initiative (BEGIN): study protocol. BMC Psychiatry, 2020, 20, 307.	2.6	19
48	Do the naÃ¯ve know best? The predictive power of naÃ¯ve ratings of couple interactions.. Psychological Assessment, 2012, 24, 983-994.	1.5	18
49	Bots and nots: safeguarding online survey research with underrepresented and diverse populations. Psychology and Sexuality, 2022, 13, 901-911.	1.9	17
50	Graphic methods for interpreting longitudinal dyadic patterns from repeated-measures actorâ€"partner interdependence models.. Journal of Family Psychology, 2017, 31, 592-603.	1.3	17
51	The effect of stress on empathic accuracy in romantic couples.. Journal of Family Psychology, 2019, 33, 327-337.	1.3	17
52	The siren song of vocal fundamental frequency for romantic relationships. Frontiers in Psychology, 2013, 4, 439.	2.1	16
53	Perceptions of the Social Psychological Climate and Sport Commitment in Adolescent Athletes: A Multilevel Analysis. Journal of Applied Sport Psychology, 2017, 29, 75-87.	2.3	16
54	Sympatheticâ€Parasympathetic Interaction and Externalizing Problems in Children with Autism Spectrum Disorder. Autism Research, 2019, 12, 1805-1816.	3.8	16

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55	A multivariate dynamic systems model for psychotherapy with more than one client.. Journal of Counseling Psychology, 2017, 64, 616-625.	2.0	16
56	Relationship partner social behavior and continuous positive airway pressure adherence: The role of autonomy support.. Health Psychology, 2020, 39, 325-334.	1.6	16
57	Neuropsychological Practice Effects in the Context of Cognitive Decline: Contributions from Learning and Task Novelty. Journal of the International Neuropsychological Society, 2016, 22, 453-466.	1.8	14
58	A language-based generative model framework for behavioral analysis of couples' therapy. , 2015, , .		13
59	Knowledge of suicide history, current depressive symptoms, and future suicide risk within couples. Behaviour Research and Therapy, 2019, 120, 103394.	3.1	13
60	Incorporating physiology into the study of psychotherapy process.. Journal of Counseling Psychology, 2020, 67, 488-499.	2.0	13
61	Respiratory sinus arrhythmia, parenting, and externalizing behavior in children with autism spectrum disorder. Autism, 2020, 24, 109-120.	4.1	12
62	Estimation of ordinal approach-avoidance labels in dyadic interactions: Ordinal logistic regression approach. , 2011, , .		11
63	Communication of emotion in home hospice cancer care: Implications for spouse caregiver depression into bereavement. Psycho-Oncology, 2019, 28, 1102-1109.	2.3	11
64	Automatic Prediction of Suicidal Risk in Military Couples Using Multimodal Interaction Cues from Couples Conversations. , 2020, , .		11
65	Conceptual and statistical issues in couples observational research: Rationale and methods for design decisions.. Journal of Family Psychology, 2017, 31, 972-982.	1.3	11
66	Linking emotions to behaviors through deep transfer learning. PeerJ Computer Science, 2020, 6, e246.	4.5	11
67	Enemies and friends in high-tech places: the development and validation of the Online Social Experiences Measure. Digital Health, 2019, 5, 205520761987835.	1.8	10
68	The <i>Me in We</i> dyadic communication intervention is feasible and acceptable among advanced cancer patients and their family caregivers. Palliative Medicine, 2021, 35, 389-396.	3.1	10
69	Couples Behavior Modeling and Annotation Using Low-Resource LSTM Language Models. , 0, , .		10
70	Autonomic influences on heart rate during marital conflict: Associations with high frequency heart rate variability and cardiac pre-ejection period. Biological Psychology, 2020, 151, 107847.	2.2	9
71	Couple Communication in Cancer: Protocol for a Multi-Method Examination. Frontiers in Psychology, 2021, 12, 769407.	2.1	9
72	Data driven modeling of head motion towards analysis of behaviors in couple interactions. , 2013, , .		8

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73	Attitude similarity and familiarity and their links to mental health: An examination of potential interpersonal mediators. Journal of Social Psychology, 2017, 157, 77-85.	1.5	8
74	(Too) Anxious to help? Social support provider anxiety and cardiovascular function. International Journal of Psychophysiology, 2018, 123, 171-178.	1.0	8
75	The Association between Symptom Accommodation and Emotional Coregulation in Couples with Binge Eating Disorder. Family Process, 2019, 58, 920-935.	2.6	8
76	Testing the Effectiveness of 3D Film for Laboratory-Based Studies of Emotion. PLoS ONE, 2014, 9, e105554.	2.5	8
77	Head motion synchrony and its correlation to affectivity in dyadic interactions. , 2013, , .		7
78	Power-spectral analysis of head motion signal for behavioral modeling in human interaction. , 2014, , .		7
79	Redundancy analysis of behavioral coding for couples therapy and improved estimation of behavior from noisy annotations. , 2015, , .		7
80	When the "U" is not Inverted: Trajectories of Expressed Emotional Arousal Predict Relationship Satisfaction. Family Process, 2019, 58, 463-477.	2.6	7
81	Modeling Vocal Entrainment in Conversational Speech Using Deep Unsupervised Learning. IEEE Transactions on Affective Computing, 2022, 13, 1651-1663.	8.3	7
82	The role of depression and suicidal cognitions as contributors to suicide risk among active duty soldiers reporting symptoms of posttraumatic stress disorder. Journal of Affective Disorders, 2020, 265, 333-341.	4.1	7
83	A replication and extension of the interpersonal process model of demand/withdraw behavior: Incorporating subjective emotional experience.. Journal of Family Psychology, 2021, 35, 534-545.	1.3	7
84	Behavioral, Affective, and Physiological Monitoring. , 2016, , 3-31.		7
85	The complex contribution of sociodemographics to decision-making power in gay male couples.. Journal of Family Psychology, 2016, 30, 977-986.	1.3	7
86	Predicting long-term risk for relationship dissolution using nonparametric conditional survival trees.. Journal of Family Psychology, 2015, 29, 807-817.	1.3	6
87	Towards Predicting Physiology from Speech During Stressful Conversations: Heart Rate and Respiratory Sinus Arrhythmia. , 2018, , .		6
88	"In Eight Minutes We Talked More About Our Goals, Relationship, Than We Have in Years" A Pilot of Patient–Caregiver Discussions in a Neuro-Oncology Clinic. Journal of Family Nursing, 2020, 26, 126-137.	1.9	6
89	Age-Related Differences in the Cognitive, Visual, and Temporal Demands of In-Vehicle Information Systems. Frontiers in Psychology, 2020, 11, 1154.	2.1	6
90	Relative importance of conflict topics for within-couple tests: The case of demand/withdraw interaction.. Journal of Family Psychology, 2021, 35, 377-387.	1.3	6

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91	Intimate Relationships and Stroke: Piloting a Dyadic Intervention to Improve Depression. International Journal of Environmental Research and Public Health, 2022, 19, 1804.	2.6	6
92	Modeling head motion entrainment for prediction of couples' behavioral characteristics. , 2015, , .		5
93	Unsupervised latent behavior manifold learning from acoustic features: Audio2behavior. , 2017, , .		5
94	The Promise and the Challenge of Technology-Facilitated Methods for Assessing Behavioral and Cognitive Markers of Risk for Suicide among U.S. Army National Guard Personnel. International Journal of Environmental Research and Public Health, 2017, 14, 361.	2.6	5
95	Escalation and Regulation of Emotional Arousal in Couples Predicts Relationship Satisfaction Concurrently and 25 Years Later. Family Process, 2021, 60, 251-269.	2.6	5
96	A Systematic Review of Respiratory Sinus Arrhythmia in Romantic Relationships. Family Process, 2021, 60, 441-456.	2.6	5
97	Getting along and getting ahead: Affiliation and dominance predict ambulatory blood pressure.. Health Psychology, 2016, 35, 253-261.	1.6	4
98	Ghost hunting in the nonlinear dynamic machine. PLoS ONE, 2019, 14, e0226572.	2.5	3
99	Measuring Communication Similarity Between Hospice Nurses and Cancer Caregivers Using Latent Semantic Analysis. Cancer Nursing, 2020, 43, 506-513.	1.5	3
100	Using web-based technologies to increase reach, inclusion, and generalizability in behavioral observation research.. Journal of Family Psychology, 2021, 35, 983-993.	1.3	3
101	Time Spent Together in Intimate Relationships: Implications for Relationship Functioning. Contemporary Family Therapy, 2021, 43, 226-233.	1.3	3
102	Unsupervised online multitask learning of behavioral sentence embeddings. PeerJ Computer Science, 2019, 5, e200.	4.5	3
103	Perceived social support and ambulatory blood pressure during daily life: a meta-analysis. Journal of Behavioral Medicine, 2022, 45, 509-517.	2.1	3
104	Suicide as an interpersonal phenomenon: Dyadic methodological and statistical considerations in suicide research. Suicide and Life-Threatening Behavior, 2021, 51, 8-18.	1.9	2
105	Visualizing dynamic patterns of binge and purge episodes using passive sensor data. Journal of Behavioral and Cognitive Therapy, 2021, 31, 27-36.	1.4	2
106	Retention, engagement, and binge‐eating outcomes: Evaluating feasibility of the <scp>Binge‐Eating Genetics Initiative</scp> study. International Journal of Eating Disorders, 2022, , .	4.0	2
107	Two-Dimension Assessment of Marital Functioning across Adulthood: The Quality of Relationships Inventory. Journal of Family Issues, 2020, 41, 692-707.	1.6	1
108	An analysis of observation length requirements for machine understanding of human behaviors from spoken language. Computer Speech and Language, 2021, 66, 101162.	4.3	1

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109	Unsupervised speech representation learning for behavior modeling using triplet enhanced contextualized networks. Computer Speech and Language, 2021, 70, 101226.	4.3	1
110	Negative Partner Attributions Moderate the Association between Heart Rate Reactivity During Relationship Conflict and Relationship Satisfaction. Family Process, 2020, 60, 823-835.	2.6	0
111	Exposure in Couple and Family Therapy. , 2019, , 978-980.		0
112	Passive Sensor Data for Characterizing States of Increased Risk for Eating Disorder Behaviors in the Digital Phenotyping Arm of the Binge Eating Genetics Initiative: Protocol for an Observational Study. JMIR Research Protocols, 2022, 11, e38294.	1.0	0