

Karen S Quigley

List of Publications by Year in descending order

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Version: 2024-02-01

108
papers

7,416
citations

126907

33
h-index

60623

81
g-index

117
all docs

117
docs citations

117
times ranked

6785
citing authors

#	ARTICLE	IF	CITATIONS
1	Respiratory sinus arrhythmia: Autonomic origins, physiological mechanisms, and psychophysiological implications. <i>Psychophysiology</i> , 1993, 30, 183-196.	2.4	734
2	Autonomic determinism: The modes of autonomic control, the doctrine of autonomic space, and the laws of autonomic constraint.. <i>Psychological Review</i> , 1991, 98, 459-487.	3.8	636
3	Evidence for a large-scale brain system supporting allostasis and interoception in humans. <i>Nature Human Behaviour</i> , 2017, 1, .	12.0	393
4	Autonomic cardiac control. III. Psychological stress and cardiac response in autonomic space as revealed by pharmacological blockades. <i>Psychophysiology</i> , 1994, 31, 599-608.	2.4	372
5	Autonomic cardiac control. II. Noninvasive indices and basal response as revealed by autonomic blockades. <i>Psychophysiology</i> , 1994, 31, 586-598.	2.4	346
6	Cardiac psychophysiology and autonomic space in humans: Empirical perspectives and conceptual implications.. <i>Psychological Bulletin</i> , 1993, 114, 296-322.	6.1	340
7	An Approach to Artifact Identification: Application to Heart Period Data. <i>Psychophysiology</i> , 1990, 27, 586-598.	2.4	336
8	An active inference theory of allostasis and interoception in depression. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20160011.	4.0	314
9	Interoceptive Sensitivity and Self-Reports of Emotional Experience.. <i>Journal of Personality and Social Psychology</i> , 2004, 87, 684-697.	2.8	300
10	Emotion fingerprints or emotion populations? A meta-analytic investigation of autonomic features of emotion categories.. <i>Psychological Bulletin</i> , 2018, 144, 343-393.	6.1	287
11	Autonomic space and psychophysiological response. <i>Psychophysiology</i> , 1994, 31, 44-61.	2.4	238
12	The hundred-year emotion war: Are emotions natural kinds or psychological constructions? Comment on Lench, Flores, and Bench (2011).. <i>Psychological Bulletin</i> , 2013, 139, 255-263.	6.1	164
13	Processing of ordinality and transitivity by chimpanzees (<i>Pan troglodytes</i>).. <i>Journal of Comparative Psychology (Washington, D C)</i> , 1993, 107, 208-215.	0.5	132
14	Functions of Interoception: From Energy Regulation to Experience of the Self. <i>Trends in Neurosciences</i> , 2021, 44, 29-38.	8.6	124
15	The metrics of cardiac chronotropism: Biometric perspectives. <i>Psychophysiology</i> , 1995, 32, 162-171.	2.4	122
16	Chronic Widespread Pain, Mental Health, and Physical Role Function in OEF/OIF Veterans. <i>Pain Medicine</i> , 2009, 10, 1174-1182.	1.9	97
17	Feeling your body or feeling badly. <i>Journal of Psychosomatic Research</i> , 2001, 51, 387-394.	2.6	89
18	A comparative validation of sympathetic reactivity in children and adults. <i>Psychophysiology</i> , 2006, 43, 357-365.	2.4	89

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19	Methodological recommendations for a heartbeat detection-based measure of interoceptive sensitivity. <i>Psychophysiology</i> , 2015, 52, 1432-1440.	2.4	85
20	Autonomic cardiac control. I. Estimation and validation from pharmacological blockades. <i>Psychophysiology</i> , 1994, 31, 572-585.	2.4	81
21	Cardiovascular patterns associated with threat and challenge appraisals: A within-subjects analysis. <i>Psychophysiology</i> , 2002, 39, 292-302.	2.4	76
22	A shift in perspective: Decentering through mindful attention to imagined stressful events. <i>Neuropsychologia</i> , 2015, 75, 505-524.	1.6	74
23	Measures of postural stability. <i>Journal of Rehabilitation Research and Development</i> , 2004, 41, 713.	1.6	68
24	Autonomic origins of cardiac responses to nonsignal stimuli in the rat.. <i>Behavioral Neuroscience</i> , 1990, 104, 751-762.	1.2	64
25	Is there consistency and specificity of autonomic changes during emotional episodes? Guidance from the Conceptual Act Theory and psychophysiology. <i>Biological Psychology</i> , 2014, 98, 82-94.	2.2	64
26	Simple, Transparent, and Flexible Automated Quality Assessment Procedures for Ambulatory Electrodermal Activity Data. <i>IEEE Transactions on Biomedical Engineering</i> , 2018, 65, 1460-1467.	4.2	63
27	Inducing and Measuring Emotion and Affect. , 2014, , 220-252.		59
28	Seeing What You Feel: Affect Drives Visual Perception of Structurally Neutral Faces. <i>Psychological Science</i> , 2018, 29, 496-503.	3.3	47
29	Autonomic interactions and chronotropic control of the heart: Heart period versus heart rate. <i>Psychophysiology</i> , 1996, 33, 605-611.	2.4	46
30	Emotional reactivity and the overreport of somatic symptoms: Somatic sensitivity or negative reporting style?. <i>Journal of Psychosomatic Research</i> , 2006, 60, 521-530.	2.6	46
31	Attention network test: Assessment of cognitive function in chronic fatigue syndrome. <i>Journal of Neuropsychology</i> , 2015, 9, 1-9.	1.4	45
32	Wearable ESM. , 2016, , .		44
33	Relationship between temporal changes in cardiac parasympathetic activity and motion sickness severity. <i>Psychophysiology</i> , 2003, 40, 39-44.	2.4	40
34	Cardiovascular Psychophysiology. , 0, , 183-216.		40
35	Iraq and Afghanistan Veterans report symptoms consistent with chronic multisymptom illness one year after deployment. <i>Journal of Rehabilitation Research and Development</i> , 2016, 53, 59-70.	1.6	39
36	Gastric myoelectrical and autonomic cardiac reactivity to laboratory stressors. <i>Psychophysiology</i> , 2001, 38, 642-652.	2.4	38

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37	Determining the Number of Simulation Runs: Treating Simulations as Theories by Not Sampling Their Behavior. , 2011, , 97-116.		38
38	Social interoception and social allostasis through touch: Legacy of the Somatovisceral Afference Model of Emotion. Social Neuroscience, 2021, 16, 92-102.	1.3	37
39	An Open-Source Feature Extraction Tool for the Analysis of Peripheral Physiological Data. IEEE Journal of Translational Engineering in Health and Medicine, 2018, 6, 1-11.	3.7	34
40	Interoception as modeling, allostasis as control. Biological Psychology, 2022, 167, 108242.	2.2	34
41	Context-aware experience sampling reveals the scale of variation in affective experience. Scientific Reports, 2020, 10, 12459.	3.3	33
42	Environmental Exposure and Health of Operation Enduring Freedom/Operation Iraqi Freedom Veterans. Journal of Occupational and Environmental Medicine, 2012, 54, 665-669.	1.7	32
43	What pre-deployment and early post-deployment factors predict health function after combat deployment?: a prospective longitudinal study of Operation Enduring Freedom (OEF)/Operation Iraqi Freedom (OIF) soldiers. Health and Quality of Life Outcomes, 2013, 11, 73.	2.4	31
44	Mutual maintenance of PTSD and physical symptoms for Veterans returning from deployment. HÅrge Utbildning, 2019, 10, 1608717.	3.0	30
45	Mobile App Use for Insomnia Self-Management: Pilot Findings on Sleep Outcomes in Veterans. Interactive Journal of Medical Research, 2019, 8, e12408.	1.4	29
46	Use of time-frequency analysis to investigate temporal patterns of cardiac autonomic response during head-up tilt in chronic fatigue syndrome. Autonomic Neuroscience: Basic and Clinical, 2004, 113, 55-62.	2.8	28
47	Rumination Moderates the Associations Between PTSD and Depressive Symptoms and Risky Behaviors in U. S. Veterans. Journal of Traumatic Stress, 2012, 25, 583-586.	1.8	28
48	Physiological indices of challenge and threat: A data-driven investigation of autonomic nervous system reactivity during an active coping stressor task. Psychophysiology, 2019, 56, e13454.	2.4	28
49	Vagal stimulation and cardiac chronotropy in rats. Journal of the Autonomic Nervous System, 1992, 41, 221-226.	1.9	25
50	Postural stability index is a more valid measure of stability than equilibrium score. Journal of Rehabilitation Research and Development, 2005, 42, 547.	1.6	25
51	A web-based physical activity intervention benefits persons with low self-efficacy in COPD: results from a randomized controlled trial. Journal of Behavioral Medicine, 2019, 42, 1082-1090.	2.1	25
52	Comparing supervised and unsupervised approaches to emotion categorization in the human brain, body, and subjective experience. Scientific Reports, 2020, 10, 20284.	3.3	25
53	Expertise in emotion: A scoping review and unifying framework for individual differences in the mental representation of emotional experience.. Psychological Bulletin, 2021, 147, 1159-1183.	6.1	25
54	Cardiovascular effects of the benzodiazepine receptor partial inverse agonist FG 7142 in rats. Behavioural Brain Research, 1994, 62, 11-20.	2.2	23

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55	Parasympathetic control of heart period during early postnatal development in the rat. <i>Journal of the Autonomic Nervous System</i> , 1996, 59, 75-82.	1.9	23
56	Autonomic origins of a nonsignal stimulus-elicited bradycardia and its habituation in humans. <i>Psychophysiology</i> , 2001, 38, 540-547.	2.4	23
57	High healthcare utilization near the onset of medically unexplained symptoms. <i>Journal of Psychosomatic Research</i> , 2017, 98, 98-105.	2.6	23
58	Functional Involvement of Human Periaqueductal Gray and Other Midbrain Nuclei in Cognitive Control. <i>Journal of Neuroscience</i> , 2019, 39, 6180-6189.	3.6	23
59	Allostasis as a core feature of hierarchical gradients in the human brain. <i>Network Neuroscience</i> , 2022, 6, 1010-1031.	2.6	23
60	Allostasis, Action, and Affect in Depression: Insights from the Theory of Constructed Emotion. <i>Annual Review of Clinical Psychology</i> , 2022, 18, 553-580.	12.3	23
61	Threat perception after the Boston Marathon bombings: The effects of personal relevance and conceptual framing. <i>Cognition and Emotion</i> , 2016, 30, 539-549.	2.0	22
62	Prevalence of Environmental and Other Military Exposure Concerns in Operation Enduring Freedom and Operation Iraqi Freedom Veterans. <i>Journal of Occupational and Environmental Medicine</i> , 2012, 54, 659-664.	1.7	21
63	The Impact of Self-monitoring of Blood Glucose on a Behavioral Weight Loss Intervention for Patients With Type 2 Diabetes. <i>The Diabetes Educator</i> , 2013, 39, 397-405.	2.5	21
64	Using the Common Sense Model of Self-Regulation to Understand the Relationship Between Symptom Reporting and Trait Negative Affect. <i>International Journal of Behavioral Medicine</i> , 2014, 21, 989-994.	1.7	21
65	Resilience during war: Better unit cohesion and reductions in avoidant coping are associated with better mental health function after combat deployment. <i>Psychological Trauma: Theory, Research, Practice, and Policy</i> , 2017, 9, 52-61.	2.1	21
66	Gender Differences in Biobehavioral Aftereffects of Stress on Eating, Frustration, and Cardiovascular Responses ¹ . <i>Journal of Applied Social Psychology</i> , 2004, 34, 538-562.	2.0	20
67	Self-Reported Stressors of National Guard Women Veterans Before and After Deployment: The Relevance of Interpersonal Relationships. <i>Journal of General Internal Medicine</i> , 2013, 28, 549-555.	2.6	19
68	Vegetariansâ€™ and omnivoresâ€™ affective and physiological responses to images of food. <i>Food Quality and Preference</i> , 2019, 71, 96-105.	4.6	19
69	Wearable Motion-Based Heart Rate at Rest: A Workplace Evaluation. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2019, 23, 1920-1927.	6.3	18
70	Cardiovascular reactivity during hypnosis and hypnotic susceptibility: Three studies of heart rate variability. <i>International Journal of Clinical and Experimental Hypnosis</i> , 2000, 48, 22-31.	1.8	17
71	A retrospective cohort study of U.S. service members returning from Afghanistan and Iraq: is physical health worsening over time?. <i>BMC Public Health</i> , 2012, 12, 1124.	2.9	17
72	Decision making from economic and signal detection perspectives: development of an integrated framework. <i>Frontiers in Psychology</i> , 2015, 6, 952.	2.1	17

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73	Salience Network Connectivity Modulates Skin Conductance Responses in Predicting Arousal Experience. <i>Journal of Cognitive Neuroscience</i> , 2017, 29, 827-836.	2.3	17
74	Applications of sparse recovery and dictionary learning to enhance analysis of ambulatory electrodermal activity data. <i>Biomedical Signal Processing and Control</i> , 2018, 40, 58-70.	5.7	17
75	You are what I feel: A test of the affective realism hypothesis.. <i>Emotion</i> , 2019, 19, 788-798.	1.8	16
76	Coping with Medically Unexplained Physical Symptoms: the Role of Illness Beliefs and Behaviors. <i>International Journal of Behavioral Medicine</i> , 2019, 26, 665-672.	1.7	15
77	Applying the Theory of Constructed Emotion to Police Decision Making. <i>Frontiers in Psychology</i> , 2019, 10, 1946.	2.1	15
78	Emotional Granularity Increases With Intensive Ambulatory Assessment: Methodological and Individual Factors Influence How Much. <i>Frontiers in Psychology</i> , 2021, 12, 704125.	2.1	15
79	Cardiovascular Measures of Attention to Illusory and Nonillusory Visual Stimuli. <i>Journal of Psychophysiology</i> , 2006, 20, 276-285.	0.7	15
80	Comparison of the Functional Health Limitations of Veterans Deployed to Iraq or Afghanistan to Veterans Deployed to Desert Shield/Storm With Chronic Fatigue Syndrome. <i>Military Behavioral Health</i> , 2016, 4, 299-306.	0.8	14
81	Framework for selecting and benchmarking mobile devices in psychophysiological research. <i>Behavior Research Methods</i> , 2021, 53, 518-535.	4.0	14
82	Investigating the relationship between emotional granularity and cardiorespiratory physiological activity in daily life. <i>Psychophysiology</i> , 2021, 58, e13818.	2.4	14
83	Analysis of multimodal physiological signals within and between individuals to predict psychological challenge vs. threat. <i>Expert Systems With Applications</i> , 2020, 140, 112890.	7.6	13
84	Locus of Control Predicts Appraisals and Cardiovascular Reactivity to a Novel Active Coping Task. <i>Journal of Personality</i> , 2006, 74, 911-932.	3.2	12
85	Association between self-monitoring of blood glucose and diet among minority patients with diabetes*. <i>Journal of Diabetes</i> , 2011, 3, 147-152.	1.8	11
86	Helpful ways providers can communicate about persistent medically unexplained physical symptoms. <i>BMC Family Practice</i> , 2019, 20, 13.	2.9	11
87	Mobile Intervention to Improve Sleep and Functional Health of Veterans With Insomnia: Randomized Controlled Trial. <i>JMIR Formative Research</i> , 2021, 5, e29573.	1.4	10
88	Influence of control and physical effort on cardiovascular reactivity to a video game task. <i>Psychophysiology</i> , 2002, 39, 591-598.	2.4	9
89	Using Cognitive Modeling to Study Behavior Moderators: Pre-Task Appraisal and Anxiety. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2004, 48, 2121-2125.	0.3	8
90	Development of the baroreflex in the young rat. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2005, 121, 26-32.	2.8	8

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91	Psychological impact of mass violence depends on affective tone of media content. PLoS ONE, 2019, 14, e0213891.	2.5	8
92	Artifact detection in electrodermal activity using sparse recovery. Proceedings of SPIE, 2017, , .	0.8	7
93	Balance deficits in Chronic Fatigue Syndrome with and without fibromyalgia. NeuroRehabilitation, 2018, 42, 235-246.	1.3	7
94	The N400 indexes acquisition of novel emotion concepts via conceptual combination. Psychophysiology, 2021, 58, e13727.	2.4	6
95	Exploratory behavior in mice selectively bred for developmental differences in aggressive behavior. Developmental Psychobiology, 2008, 50, 32-47.	1.6	5
96	Ostracism, resources, and the perception of human motion. European Journal of Social Psychology, 2017, 47, 53-71.	2.4	5
97	Understanding emotion in context: how the Boston marathon bombings altered the impact of anger on threat perception. Journal of Applied Social Psychology, 2017, 47, 13-22.	2.0	5
98	Emotion and threat detection: The roles of affect and conceptual knowledge.. Emotion, 2022, 22, 1929-1941.	1.8	4
99	Stress-evoked muscle activity in women with and without chronic myofascial face pain. Journal of Oral Rehabilitation, 2021, 48, 1089-1098.	3.0	4
100	Affect and Social Judgment: The Roles of Physiological Reactivity and Interoceptive Sensitivity. Affective Science, 2022, 3, 464-479.	2.6	4
101	Less Engagement in Pleasurable Activities Is Associated With Poorer Quality of Life for Veterans With Comorbid Postdeployment Conditions. Military Psychology, 2016, 29, 74-81.	1.1	3
102	Under-recognition of medically unexplained symptom conditions among US Veterans with Gulf War Illness. PLoS ONE, 2021, 16, e0259341.	2.5	3
103	Older Adults' Hemodynamic Responses to an Acute Emotional Stressor: Short Report. Experimental Aging Research, 2013, 39, 162-178.	1.2	2
104	Longitudinal relationship between onset of physical symptoms and functional impairment. Journal of Behavioral Medicine, 2018, 41, 819-826.	2.1	2
105	Faith-Based Groups as a Bridge to the Community for Military Veterans: Preliminary Findings and Lessons Learned in Online Surveying. Journal of Religion and Health, 2019, 58, 236-245.	1.7	2
106	Dictionary learning and sparse recovery for electrodermal activity analysis. Proceedings of SPIE, 2016, , .	0.8	1
107	Interrelationships between symptom burden and health functioning and health care utilization among veterans with persistent physical symptoms. BMC Family Practice, 2020, 21, 124.	2.9	1
108	Beginning with biology: "Aspects of cognition" exist in the service of the brain's overall function as a resource-regulator. Behavioral and Brain Sciences, 2020, 43, e26.	0.7	1