

Rajendra D Badgaiyan

List of Publications by Year in descending order

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82
papers

1,778
citations

331670

21
h-index

315739

38
g-index

84
all docs

84
docs citations

84
times ranked

856
citing authors

#	ARTICLE	IF	CITATIONS
1	Hypothesizing in the Face of the Opioid Crisis Coupling Genetic Addiction Risk Severity (GARS) Testing with Electrotherapeutic Nonopioid Modalities Such as H-Wave Could Attenuate Both Pain and Hedonic Addictive Behaviors. International Journal of Environmental Research and Public Health, 2022, 19, 552.	2.6	7
2	Reward Deficiency Syndrome (RDS) Surprisingly Is Evolutionary and Found Everywhere: Is It "Blowin' in the Wind"? Journal of Personalized Medicine, 2022, 12, 321.	2.5	15
3	Precision Behavioral Management (PBM) and Cognitive Control as a Potential Therapeutic and Prophylactic Modality for Reward Deficiency Syndrome (RDS): Is There Enough Evidence?. International Journal of Environmental Research and Public Health, 2022, 19, 6395.	2.6	6
4	Nicotinamide adenine dinucleotide (NAD+) and Enkephalinase Inhibition (IV1114589NAD) infusions significantly attenuates psychiatric burden sequelae in Substance Use Disorder (SUD) in fifty cases. Current Psychiatry Research and Reviews, 2022, 18, .	0.2	0
5	Researching Mitigation of Alcohol Binge Drinking in Polydrug Abuse: KCNK13 and RASGRF2 Gene(s) Risk Polymorphisms Coupled with Genetic Addiction Risk Severity (GARS) Guiding Precision Pro-Dopamine Regulation. Journal of Personalized Medicine, 2022, 12, 1009.	2.5	6
6	Diet and companionship modulate pain via a serotonergic mechanism. Scientific Reports, 2021, 11, 2330.	3.3	9
7	Exploration of Epigenetic State Hyperdopaminergia (Surfeit) and Genetic Trait Hypodopaminergia (Deficit) during Adolescent Brain Development. Current Psychopharmacology, 2021, 10, 181-196.	0.3	13
8	Epigenetic Repair of Terrifying Lucid Dreams by Enhanced Brain Reward Functional Connectivity and Induction of Dopaminergic Homeo - static Signaling. Current Psychopharmacology, 2021, 10, 170-180.	0.3	5
9	A Novel Precision Approach to Overcome the "Addiction Pandemic" by Incorporating Genetic Addiction Risk Severity (GARS) and Dopamine Homeostasis Restoration. Journal of Personalized Medicine, 2021, 11, 212.	2.5	15
10	Endorphinergic Enhancement Attenuation of Post-traumatic Stress Disorder (PTSD) via Activation of Neuro-immunological Function in the Face of a Viral Pandemic. Current Psychopharmacology, 2021, 10, 86-97.	0.3	4
11	Etiology of Neuroinflammatory Pathologies in Neurodegenerative Diseases: A Treatise. Current Psychopharmacology, 2021, 10, 123-137.	0.3	2
12	Hypothesizing Nutrigenomic-Based Precision Anti-Obesity Treatment and Prophylaxis: Should We Be Targeting Sarcopenia Induced Brain Dysfunction?. International Journal of Environmental Research and Public Health, 2021, 18, 9774.	2.6	5
13	Reward Deficiency Syndrome (RDS): A Cytoarchitectural Common Neurobiological Trait of All Addictions. International Journal of Environmental Research and Public Health, 2021, 18, 11529.	2.6	12
14	Should We Embrace the Incorporation of Genetically Guided "Dopamine Homeostasis" in the Treatment of Reward Deficiency Syndrome (RSD) as a Frontline Therapeutic Modality?. Acta Scientific Neurology, 2021, 4, 17-24.	0.1	2
15	Psychoactive Drugs Like Cannabis -Induce Hypodopaminergic Anhedonia and Neuropsychological Dysfunction in Humans: Putative Induction of Dopamine Homeostasis via Coupling of Genetic Addiction Risk Severity (GARS) testing and Precision Pro-dopamine Regulation (KB220) ., 2021, 13, 86-92.		0
16	Translational and Molecular Cytoarchitectural Genetic Guided Therapy to Induce Dopamine Homeostatic Neuro-signaling in Reward Deficiency and Associated Drug and Behavioral Addiction Seeking: A 60 Year Sojourn the Future is Now. , 2021, 10, 1-4.		0
17	A Review of DNA Risk Alleles to Determine Epigenetic Repair of mRNA Expression to Prove Therapeutic Effectiveness in Reward Deficiency Syndrome (RDS): Embracing "Precision Behavioral Management" Psychology Research and Behavior Management, 2021, Volume 14, 2115-2134.	2.8	7
18	Neurobiology and Spirituality in Addiction Recovery.. Acta Scientific Neurology, 2021, 4, 64-71.	0.1	1

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19	Putative COVID- 19 Induction of Reward Deficiency Syndrome (RDS) and Associated Behavioral Addictions with Potential Concomitant Dopamine Depletion: Is COVID-19 Social Distancing a Double Edged Sword?. Substance Use and Misuse, 2020, 55, 2438-2442.	1.4	16
20	In Search of Reward Deficiency Syndrome (RDS)-Free Controls: The "Holy Grail" in Genetic Addiction Risk Testing. Current Psychopharmacology, 2020, 9, 7-21.	0.3	18
21	Co-occurrences of substance use and other potentially addictive behaviors: Epidemiological results from the Psychological and Genetic Factors of the Addictive Behaviors (PGA) Study. Journal of Behavioral Addictions, 2020, 9, 272-288.	3.7	56
22	Improving naltrexone compliance and outcomes with putative pro- dopamine regulator KB220, compared to treatment as usual. Journal of Systems and Integrative Neuroscience, 2020, 6, .	0.6	10
23	Addiction by Any Other Name is Still Addiction: Embracing Molecular Neurogenetic/Epigenetic Basis of Reward Deficiency. Journal of Addiction Science, 2020, 06, .	0.5	7
24	Hypodopaminergia and "Precision Behavioral Management" (PBM): It is a Generational Family Affair. Current Pharmaceutical Biotechnology, 2020, 21, 528-541.	1.6	42
25	Hypothesizing High Negative Emotionality as a Function of Genetic Addiction Risk Severity (GARS) Testing in Alcohol Use Disorder (AUD). Journal of Systems and Integrative Neuroscience, 2020, 7, .	0.6	5
26	Polygenic and multi locus heritability of alcoholism: Novel therapeutic targets to overcome psychological deficits. Journal of Systems and Integrative Neuroscience, 2020, 7, .	0.6	2
27	Addiction by Any Other Name is Still Addiction: Embracing Molecular Neurogenetic/Epigenetic Basis of Reward Deficiency. , 2020, 6, 1-4.		2
28	In Search of Reward Deficiency Syndrome (RDS)-free Controls: The "Holy Grail" in Genetic Addiction Risk Testing. Current Psychopharmacology, 2020, 9, 7-21.	0.3	7
29	Death by Opioids: Are there non-addictive scientific solutions?. Journal of Systems and Integrative Neuroscience, 2019, 5, .	0.6	16
30	A Systematic, Intensive Statistical Investigation of Data from the Comprehensive Analysis of Reported Drugs (CARD) for Compliance and Illicit Opioid Abstinence in Substance Addiction Treatment with Buprenorphine/naloxone. Substance Use and Misuse, 2018, 53, 220-229.	1.4	66
31	Pro-dopamine regulator, KB220Z, attenuates hoarding and shopping behavior in a female, diagnosed with SUD and ADHD. Journal of Behavioral Addictions, 2018, 7, 192-203.	3.7	15
32	Promoting Precision Addiction Management (PAM) to Combat the Global Opioid Crisis. Biomedical Journal of Scientific & Technical Research, 2018, 2, 1-4.	0.1	70
33	The Food and Drug Addiction Epidemic: Targeting Dopamine Homeostasis. Current Pharmaceutical Design, 2018, 23, 6050-6061.	1.9	40
34	Introducing Precision Addiction Management of Reward Deficiency Syndrome, the Construct That Underpins All Addictive Behaviors. Frontiers in Psychiatry, 2018, 9, 548.	2.6	53
35	Conceptualizing Addiction From an Osteopathic Perspective: Dopamine Homeostasis. Journal of Osteopathic Medicine, 2018, 118, 115-118.	0.8	52
36	Genetic addiction risk score GARS trade a predictor of vulnerability to opioid dependence. Frontiers in Bioscience - Elite, 2018, 10, 175-196.	1.8	92

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37	Molecular role of dopamine in anhedonia linked to reward deficiency syndrome RDS and anti-reward systems. <i>Frontiers in Bioscience - Scholar</i> , 2018, 10, 309-325.	2.1	111
38	Our evolved unique pleasure circuit makes humans different from apes: Reconsideration of data derived from animal studies. <i>Journal of Systems and Integrative Neuroscience</i> , 2018, 4, .	0.6	17
39	Genetic Addiction Risk Score (GARS) as a Predictor of Substance Use Disorder: Identifying Predisposition Not Diagnosis. , 2018, 1, .		10
40	Buprenorphine and Naloxone Combinations and Dopamine. <i>Current Psychopharmacology</i> , 2018, 6, .	0.3	0
41	Analysis of Evidence for the Combination of Pro-dopamine Regulator (KB220PAM) and Naltrexone to Prevent Opioid Use Disorder Relapse. , 2018, 7, 564-579.		7
42	Hypothesizing Music Intervention Enhances Brain Functional Connectivity Involving Dopaminergic Recruitment: Common Neuro-correlates to Abusable Drugs. <i>Molecular Neurobiology</i> , 2017, 54, 3753-3758.	4.0	22
43	Hypothesizing That Neuropharmacological and Neuroimaging Studies of Glutaminergic-Dopaminergic Optimization Complex (KB220Z) Are Associated With "Dopamine Homeostasis" in Reward Deficiency Syndrome (RDS). <i>Substance Use and Misuse</i> , 2017, 52, 535-547.	1.4	62
44	Dopamine homeostasis brain functional connectivity in reward deficiency syndrome. <i>Frontiers in Bioscience - Landmark</i> , 2017, 22, 669-691.	3.0	88
45	Neurogenetics of acute and chronic opiate opioid abstinence treating symptoms and the cause. <i>Frontiers in Bioscience - Landmark</i> , 2017, 22, 1247-1288.	3.0	12
46	Enhanced functional connectivity and volume between cognitive and reward centers of naïve rodent brain produced by pro-dopaminergic agent KB220Z. <i>PLoS ONE</i> , 2017, 12, e0174774.	2.5	92
47	Lyme and dopaminergic function: Hypothesizing reduced reward deficiency symptomatology by regulating dopamine transmission. <i>Journal of Systems and Integrative Neuroscience</i> , 2017, 3, .	0.6	8
48	Improvement of long-term memory access with a pro-dopamine regulator in an elderly male: Are we targeting dopamine tone?. <i>Journal of Systems and Integrative Neuroscience</i> , 2017, 3, .	0.6	6
49	The effects of residential dual diagnosis treatment on alcohol abuse. <i>Journal of Systems and Integrative Neuroscience</i> , 2017, 3, .	0.6	47
50	"Dopamine homeostasis" requires balanced polypharmacy: Issue with destructive, powerful dopamine agents to combat America's drug epidemic. <i>Journal of Systems and Integrative Neuroscience</i> , 2017, 3, .	0.6	14
51	Pro-Dopamine Regulator - (KB220) to Balance Brain Reward Circuitry in Reward Deficiency Syndrome (RDS). , 2017, 03, .		12
52	Coupling Genetic Addiction Risk Score (GARS) and Pro Dopamine Regulation (KB220) to Combat Substance Use Disorder (SUD). <i>Global Journal of Addiction & Rehabilitation Medicine</i> , 2017, 1, .	0.1	56
53	Pro-Dopamine Regulator - (KB220) to Balance Brain Reward Circuitry in Reward Deficiency Syndrome (RDS). , 2017, 3, 3-13.		7
54	Physical Exercise Interventions for Drug Addictive Disorders. , 2017, 3, 17-20.		3

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55	GLOBAL OPIOID EPIDEMIC: DOOMED TO FAIL WITHOUT GENETICALLY BASED PRECISION ADDICTION MEDICINE (PAM): LESSONS LEARNED FROM AMERICA. <i>Precision Medicine</i> , 2017, 2, 17-22.	3.5	11
56	KB220Z, a Pro-Dopamine Regulator Associated with the Protracted, Alleviation of Terrifying Lucid Dreams. <i>Can We Infer Neuroplasticity-induced Changes in the Reward Circuit?</i> , 2016, 2, 3-13.		29
57	Pilot clinical observations between food and drug seeking derived from fifty cases attending an eating disorder clinic. <i>Journal of Behavioral Addictions</i> , 2016, 5, 533-541.	3.7	12
58	Should the United States Government Repeal Restrictions on Buprenorphine/Naloxone Treatment?. <i>Substance Use and Misuse</i> , 2016, 51, 1674-1679.	1.4	13
59	Activation of the Central Serotonergic System Reduces Hyperalgesia in Sick Mice. <i>Blood</i> , 2016, 128, 266-266.	1.4	2
60	Hypothesizing that, A Pro-Dopamine Regulator (KB220Z) Should Optimize, but Not Hyper-Activate the Activity of Trace Amine-Associated Receptor 1 (TAAR-1) and Induce Anti-Craving of Psychostimulants in the Long-Term. , 2016, 2, 14-21.		56
61	Neurobiology of KB220Z-Glutaminergic-Dopaminergic Optimization Complex [GDOC] as a Liquid Nano: Clinical Activation of Brain in a Highly Functional Clinician Improving Focus, Motivation and Overall Sensory Input Following Chronic Intake. <i>Clinical Medical Reviews and Case Reports</i> , 2016, 3, .	0.1	7
62	Low-Resolution Electromagnetic Tomography (LORETA) of changed Brain Function Provoked by Pro-Dopamine Regulator (KB220z) in one Adult ADHD case. <i>Open Journal of Clinical & Medical Case Reports</i> , 2016, 2, .	1.0	11
63	Molecular Genetic Testing in Pain and Addiction: Facts, Fiction and Clinical Utility. <i>Addiction Genetics</i> , 2015, 2, 1-5.	0.5	6
64	Neurogenetic and Epigenetic Correlates of Adolescent Predisposition to and Risk for Addictive Behaviors as a Function of Prefrontal Cortex Dysregulation. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2015, 25, 286-292.	1.3	49
65	A Shared Molecular and Genetic Basis for Food and Drug Addiction. <i>Psychiatric Clinics of North America</i> , 2015, 38, 419-462.	1.3	23
66	Attenuated Tonic and Enhanced Phasic Release of Dopamine in Attention Deficit Hyperactivity Disorder. <i>PLoS ONE</i> , 2015, 10, e0137326.	2.5	71
67	Molecular Genetic Testing in Reward Deficiency Syndrome (RDS): Facts and Fiction. <i>Journal of Reward Deficiency Syndrome</i> , 2015, 01, 65-68.	1.0	16
68	Coupling Neurogenetics (GARS, a) and a Nutrigenomic Based Dopaminergic Agonist to Treat Reward Deficiency Syndrome (RDS): Targeting Polymorphic Reward Genes for Carbohydrate Addiction Algorithms. <i>Journal of Reward Deficiency Syndrome</i> , 2015, 1, 75-80.	1.0	17
69	Hypothesizing Balancing Endorphinergic and Glutaminergic Systems to Treat and Prevent Relapse to Reward Deficiency Behaviors: Coupling D-Phenylalanine and N-Acetyl-L-Cysteine (NAC) as a Novel Therapeutic Modality. <i>Clinical Medical Reviews and Case Reports</i> , 2015, 2, .	0.1	11
70	Can Genetic Testing Provide Information to Develop Customized Nutrigenomic Solutions for Reward Deficiency Syndrome?. <i>Clinical Medical Reviews and Case Reports</i> , 2015, 2, .	0.1	4
71	Hypersexuality Addiction and Withdrawal: Phenomenology, Neurogenetics and Epigenetics.. <i>Cureus</i> , 2015, 7, e290.	0.5	5
72	Attenuation of Regional Cerebral Blood Flow During Memory Processing After Coronary Artery Bypass Surgery. <i>Anesthesia and Analgesia</i> , 2014, 119, 550-553.	2.2	1

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73	Hypothesizing dopaminergic genetic antecedents in schizophrenia and substance seeking behavior. <i>Medical Hypotheses</i> , 2014, 82, 606-614.	1.5	14
74	Coupling Genetic Addiction Risk Score (GARS) with Electrotherapy: Fighting Iatrogenic Opioid Dependence. <i>Journal of Addiction Research & Therapy</i> , 2013, 04, 1000163.	0.2	26
75	Detection of dopamine neurotransmission in "cereal time". <i>Frontiers in Neuroscience</i> , 2013, 7, 125.	2.8	23
76	A Novel Perspective on Dopaminergic Processing of Human Addiction. <i>Journal of Alcoholism and Drug Dependence</i> , 2013, 01, .	0.2	8
77	Addiction Research and Therapy in the 21st Century: Providing a Forum for Evidence -Based Addiction Medicine. <i>Journal of Addiction Research & Therapy</i> , 2013, 04, .	0.2	1
78	Nonconscious perception, conscious awareness and attention. <i>Consciousness and Cognition</i> , 2012, 21, 584-586.	1.5	12
79	Manipulation of the extrastriate frontal loop can resolve visual disability in blindsight patients. <i>Medical Hypotheses</i> , 2012, 79, 767-769.	1.5	1
80	Nonconscious processing and a novel target for schizophrenia research. <i>Open Journal of Psychiatry</i> , 2012, 02, 335-339.	0.6	2
81	Evidence of Dopaminergic Processing of Executive Inhibition. <i>PLoS ONE</i> , 2011, 6, e28075.	2.5	39
82	Dopamine is released in the striatum during human emotional processing. <i>NeuroReport</i> , 2010, 21, 1172-1176.	1.2	54