

George B Stefano

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

453
papers

12,931
citations

62
h-index

87
g-index

483
ext. papers

13,841
ext. citations

4.3
avg, IF

6.45
L-index

#	Paper	IF	Citations
453	Interoception, Trait Anxiety, and the Gut Microbiome: A Cognitive and Physiological Model. <i>Medical Science Monitor</i> , 2021 , 27, e931962	3.2	3
452	Mitochondrial DNA Heteroplasmy as an Informational Reservoir Dynamically Linked to Metabolic and Immunological Processes Associated with COVID-19 Neurological Disorders. <i>Cellular and Molecular Neurobiology</i> , 2021 , 1	4.6	0
451	Historical Insight into Infections and Disorders Associated with Neurological and Psychiatric Sequelae Similar to Long COVID. <i>Medical Science Monitor</i> , 2021 , 27, e931447	3.2	20
450	Time Perception is a Focal Symptom of Attention-Deficit/Hyperactivity Disorder in Adults. <i>Medical Science Monitor</i> , 2021 , 27, e933766	3.2	1
449	SARS-CoV-2, Trait Anxiety, and the Microbiome. <i>Frontiers in Psychiatry</i> , 2021 , 12, 720082	5	1
448	Emerging regulatory roles of opioid peptides, endogenous morphine, and opioid receptor subtypes in immunomodulatory processes: Metabolic, behavioral, and evolutionary perspectives. <i>Immunology Letters</i> , 2020 , 227, 28-33	4.1	4
447	An Evidence Based Perspective on mRNA-SARS-CoV-2 Vaccine Development. <i>Medical Science Monitor</i> , 2020 , 26, e924700	3.2	108
446	A Novel Vaccine Employing Non-Replicating Rabies Virus Expressing Chimeric SARS-CoV-2 Spike Protein Domains: Functional Inhibition of Viral/Nicotinic Acetylcholine Receptor Complexes. <i>Medical Science Monitor</i> , 2020 , 26, e926016	3.2	11
445	Long-Term Respiratory and Neurological Sequelae of COVID-19. <i>Medical Science Monitor</i> , 2020 , 26, e928926	3.2	82
444	Convalescent Memory T Cell Immunity in Individuals with Mild or Asymptomatic SARS-CoV-2 Infection May Result from an Evolutionarily Adapted Immune Response to Coronavirus and the 'Common Cold'. <i>Medical Science Monitor</i> , 2020 , 26, e929789	3.2	2
443	Prebiotic Formation of Protoalkaloids within Alkaline Oceanic Hydrothermal Vents in the Hadean Seafloor as a Prerequisite for Evolutionary Biodiversity. <i>Medical Science Monitor</i> , 2020 , 26, e928415	3.2	0
442	Profiles of B-cell subsets in immunologically stable renal allograft recipients and end-stage renal disease patients. <i>Transplant Immunology</i> , 2020 , 58, 101249	1.7	5
441	Clinical Implications of the Perception of Time in Attention Deficit Hyperactivity Disorder (ADHD): A Review. <i>Medical Science Monitor</i> , 2019 , 25, 3918-3924	3.2	12
440	Burnout Syndrome and Lifestyle Among Primary School Teachers: A Czech Representative Study. <i>Medical Science Monitor</i> , 2019 , 25, 4974-4981	3.2	6
439	Association Between Red Blood Cell Distribution Width and Prognosis of Renal Transplant Recipients with Early-Onset Pneumonia. <i>Medical Science Monitor</i> , 2019 , 25, 6624-6630	3.2	1
438	Augmentation of Whole-Body Metabolic Status by Mind-Body Training: Synchronous Integration of Tissue- and Organ-Specific Mitochondrial Function. <i>Medical Science Monitor Basic Research</i> , 2019 , 25, 8-14	3.2	3
437	Alkaloids, Nitric Oxide, and Nitrite Reductases: Evolutionary Coupling as Key Regulators of Cellular Bioenergetics with Special Relevance to the Human Microbiome. <i>Medical Science Monitor</i> , 2018 , 24, 3153-3158	3.2	5

436	Chromosomal Processes in Mind-Body Medicine: Chronic Stress, Cell Aging, and Telomere Length. <i>Medical Science Monitor Basic Research</i> , 2018 , 24, 134-140	3.2	8
435	DNA MemoChip: Long-Term and High Capacity Information Storage and Select Retrieval. <i>Medical Science Monitor</i> , 2018 , 24, 1185-1187	3.2	2
434	Gut, Microbiome, and Brain Regulatory Axis: Relevance to Neurodegenerative and Psychiatric Disorders. <i>Cellular and Molecular Neurobiology</i> , 2018 , 38, 1197-1206	4.6	30
433	Microbiome: A Potential Component in the Origin of Mental Disorders. <i>Medical Science Monitor</i> , 2017 , 23, 3039-3043	3.2	3
432	Antibiotics May Trigger Mitochondrial Dysfunction Inducing Psychiatric Disorders. <i>Medical Science Monitor</i> , 2017 , 23, 101-106	3.2	18
431	Decreased Central Nervous System Grey Matter Volume (GMV) in Smokers Affects Cognitive Abilities: A Systematic Review. <i>Medical Science Monitor</i> , 2017 , 23, 1907-1915	3.2	11
430	Central nervous system grey matter decreases in volume in smokers impacting cognitive abilities: A systematic review. <i>European Psychiatry</i> , 2017 , 41, s883-s883	6	2
429	Opioid and Opiate Immunoregulatory Processes. <i>Critical Reviews in Immunology</i> , 2017 , 37, 213-248	1.8	7
428	Aging Reversal and Healthy Longevity is in Reach: Dependence on Mitochondrial DNA Heteroplasmy as a Key Molecular Target. <i>Medical Science Monitor</i> , 2017 , 23, 2732-2735	3.2	4
427	Reciprocal Evolution of Opiate Science from Medical and Cultural Perspectives. <i>Medical Science Monitor</i> , 2017 , 23, 2890-2896	3.2	14
426	Mitochondrial Heteroplasmy. <i>Advances in Experimental Medicine and Biology</i> , 2017 , 982, 577-594	3.6	21
425	Artificial Intelligence, DNA Mimicry, and Human Health. <i>Medical Science Monitor</i> , 2017 , 23, 3923-3924	3.2	1
424	Mitochondrial DNA heteroplasmy in human health and disease. <i>Biomedical Reports</i> , 2016 , 4, 259-262	1.8	32
423	Dysregulated mitochondrial and chloroplast bioenergetics from a translational medical perspective (Review). <i>International Journal of Molecular Medicine</i> , 2016 , 37, 547-55	4.4	12
422	Dopamine Coupling to Mitochondrial Signaling: Implications for Transplantation. <i>Annals of Transplantation</i> , 2016 , 21, 35-8	1.4	1
421	Glycolytic Coupling to Mitochondrial Energy Production Ensures Survival in an Oxygen Rich Environment. <i>Medical Science Monitor</i> , 2016 , 22, 2571-5	3.2	5
420	Cognition Regulated by Emotional Decision Making. <i>Medical Science Monitor Basic Research</i> , 2016 , 22, 1-5	3.2	6
419	Retraction note: Correlation Between High-Density Lipoprotein and Monocyte Subsets in Patients with Stable Coronary Heart Disease. <i>Medical Science Monitor</i> , 2016 , 22, 415	3.2	

418	Attention deficit hyperactivity disorder and disordered eating behaviors: links, risks, and challenges faced. <i>Neuropsychiatric Disease and Treatment</i> , 2016 , 12, 571-9	3.1	21
417	Hyperglycemia-associated alterations in cellular signaling and dysregulated mitochondrial bioenergetics in human metabolic disorders. <i>European Journal of Nutrition</i> , 2016 , 55, 2339-2345		71
416	Morphine stimulates nitric oxide release in human mitochondria. <i>Journal of Bioenergetics and Biomembranes</i> , 2015 , 47, 409-17	3.7	13
415	Mitochondria, Chloroplasts in Animal and Plant Cells: Significance of Conformational Matching. <i>Medical Science Monitor</i> , 2015 , 21, 2073-8	3.2	15
414	Nitric Oxide Regulation of Mitochondrial Processes: Commonality in Medical Disorders. <i>Annals of Transplantation</i> , 2015 , 20, 402-7	1.4	17
413	Personalized- and one- medicine: bioinformatics foundation in health and its economic feasibility. <i>Medical Science Monitor</i> , 2015 , 21, 201-4	3.2	5
412	Mitochondria and chloroplasts shared in animal and plant tissues: significance of communication. <i>Medical Science Monitor</i> , 2015 , 21, 1507-11	3.2	13
411	Cancer: Mitochondrial Origins. <i>Medical Science Monitor</i> , 2015 , 21, 3736-9	3.2	19
410	Depression: Evolutionary New Neural Circuitries Are Still Adjusting for Cognition. <i>Medical Science Monitor Basic Research</i> , 2015 , 21, 213-5	3.2	3
409	Evolutionary Perspective on Microglial/Neuronal Coupling with Special Relevance to Psychiatric Illnesses. <i>Journal of Psychiatry</i> , 2015 , 18,		2
408	Hypoxia defined as a common culprit/initiation factor in mitochondrial-mediated proinflammatory processes. <i>Medical Science Monitor</i> , 2015 , 21, 1478-84	3.2	11
407	Changes and interactions of flourishing, mindfulness, sense of coherence, and quality of life in patients of a mind-body medicine outpatient clinic. <i>Research in Complementary Medicine</i> , 2014 , 21, 154-62		21
406	Comparing bioinformatic gene expression profiling methods: microarray and RNA-Seq. <i>Medical Science Monitor Basic Research</i> , 2014 , 20, 138-42	3.2	143
405	Disruptive patterns of eating behaviors and associated lifestyles in males with ADHD. <i>Medical Science Monitor</i> , 2014 , 20, 608-13	3.2	51
404	Vascular dysfunction associated with type 2 diabetes and Alzheimer's disease: a potential etiological linkage. <i>Medical Science Monitor Basic Research</i> , 2014 , 20, 118-29	3.2	39
403	Epigenetic modification of DRG neuronal gene expression subsequent to nerve injury: etiological contribution to complex regional pain syndromes (Part I). <i>Medical Science Monitor</i> , 2014 , 20, 1067-77	3.2	13
402	Epigenetic modification of DRG neuronal gene expression subsequent to nerve injury: etiological contribution to complex regional pain syndromes (Part II). <i>Medical Science Monitor</i> , 2014 , 20, 1188-200	3.2	17
401	ADHD and growth: questions still unanswered. <i>Neuroendocrinology Letters</i> , 2014 , 35, 1-6	0.3	6

400	Convergent dysregulation of frontal cortical cognitive and reward systems in eating disorders. <i>Medical Science Monitor</i> , 2013 , 19, 353-8	3.2	5
399	Targeted D4 dopamine receptors: implications for drug discovery and therapeutic development. <i>Current Drug Targets</i> , 2013 , 14, 507-12	3	2
398	Co-morbidity and self medication in schizophrenia: involvement of endogenous morphine signaling mechanisms. <i>Current Drug Targets</i> , 2012 , 13, 1454-7	3	3
397	Targeting mitochondrial biogenesis for promoting health. <i>Medical Science Monitor</i> , 2012 , 18, SC1-3	3.2	7
396	Intracerebellar application of P19-derived neuroprogenitor and naive stem cells to Lurcher mutant and wild type B6CBA mice. <i>Medical Science Monitor</i> , 2012 , 18, BR174-180	3.2	15
395	Low dose morphine adjuvant therapy for enhanced efficacy of antipsychotic drug action: potential involvement of endogenous morphine in the pathophysiology of schizophrenia. <i>Medical Science Monitor</i> , 2012 , 18, HY23-6	3.2	8
394	Parkinson's disease, L-DOPA, and endogenous morphine: a revisit. <i>Medical Science Monitor</i> , 2012 , 18, RA133-137	3.2	11
393	Endogenous morphine: up-to-date review 2011. <i>Folia Biologica</i> , 2012 , 58, 49-56	0.7	14
392	Dopamine D4 receptor gene DRD4 and its association with psychiatric disorders. <i>Medical Science Monitor</i> , 2011 , 17, RA215-20	3.2	64
391	The neurobiological link between compassion and love. <i>Medical Science Monitor</i> , 2011 , 17, RA65-75	3.2	17
390	Reciprocal regulation of cellular nitric oxide formation by nitric oxide synthase and nitrite reductases. <i>Medical Science Monitor</i> , 2011 , 17, RA221-6	3.2	17
389	Genetics in Psychiatry - up-to-date review 2011. <i>Neuroendocrinology Letters</i> , 2011 , 32, 389-99	0.3	8
388	Biological indications of a novel "short" μ opiate receptor in domestic chicken. <i>Archives of Medical Science</i> , 2010 , 6, 478-82	2.9	2
387	Interactive effects of endogenous morphine, nitric oxide, and ethanol on mitochondrial processes. <i>Archives of Medical Science</i> , 2010 , 6, 658-62	2.9	7
386	Catechol-O-methyltransferase: potential relationship to idiopathic hypertension. <i>Archives of Medical Science</i> , 2010 , 6, 291-5	2.9	4
385	Chronic alcohol exposure increases ganglia endogenous morphine levels. <i>Archives of Medical Science</i> , 2010 , 6, 316-20	2.9	1
384	Morphine-mediated alteration of hypertension-related gene expression in human white blood cells and multilineage progenitor cells. <i>Journal of Human Hypertension</i> , 2010 , 24, 713-20	2.6	7
383	Opioid peptides and opiate alkaloids in immunoregulatory processes. <i>Archives of Medical Science</i> , 2010 , 6, 456-60	2.9	4

382	Dopamine, morphine, and nitric oxide: an evolutionary signaling triad. <i>CNS Neuroscience and Therapeutics</i> , 2010 , 16, e124-37	6.8	15
381	Endogenous reward mechanisms and their importance in stress reduction, exercise and the brain. <i>Archives of Medical Science</i> , 2010 , 6, 447-55	2.9	28
380	Variations in critical morphine biosynthesis genes and their potential to influence human health. <i>Neuroendocrinology Letters</i> , 2010 , 31, 11-8	0.3	14
379	The neurobiology of stress management. <i>Neuroendocrinology Letters</i> , 2010 , 31, 19-39	0.3	48
378	Proinflammation and preconditioning protection are part of a common nitric oxide mediated process. <i>Medical Science Monitor</i> , 2010 , 16, RA125-30	3.2	8
377	Identification of a μ opiate receptor signaling mechanism in human placenta. <i>Medical Science Monitor</i> , 2010 , 16, BR347-52	3.2	5
376	Psychiatric implications of endogenous morphine: up-to-date review. <i>Folia Biologica</i> , 2010 , 56, 231-41	0.7	7
375	Comparative aspects of endogenous morphine synthesis and signaling in animals. <i>Annals of the New York Academy of Sciences</i> , 2009 , 1163, 330-9	6.5	10
374	Neuroimmune Chemical Messengers and Their Conservation During Evolution 2009 , 139-164		
373	Xenobiotic perturbation of endogenous morphine signaling: paradoxical opiate hyperalgesia. <i>Medical Science Monitor</i> , 2009 , 15, RA107-10	3.2	11
372	Characterization of human and bovine phosphatidylethanolamine-binding protein (PEBP/RKIP) interactions with morphine and morphine-glucuronides determined by noncovalent mass spectrometry. <i>Medical Science Monitor</i> , 2009 , 15, BR178-87	3.2	22
371	Revisiting tolerance from the endogenous morphine perspective. <i>Medical Science Monitor</i> , 2009 , 15, RA139-98	3.2	14
370	Endogenous morphine and nitric oxide coupled regulation of mitochondrial processes. <i>Medical Science Monitor</i> , 2009 , 15, RA263-8	3.2	19
369	Molecular interaction in the mouse PAG between NMDA and opioid receptors in morphine-induced acute thermal nociception. <i>Journal of Neurochemistry</i> , 2008 , 105, 91-100	6	18
368	Dopamine is necessary to endogenous morphine formation in mammalian brain in vivo. <i>Journal of Neurochemistry</i> , 2008 , 106, 2337-44	6	21
367	Endogenous morphine signaling via nitric oxide regulates the expression of CYP2D6 and COMT: autocrine/paracrine feedback inhibition. <i>Addiction Biology</i> , 2008 , 13, 118-23	4.6	24
366	Endogenous opiates, opioids, and immune function: evolutionary brokerage of defensive behaviors. <i>Seminars in Cancer Biology</i> , 2008 , 18, 190-8	12.7	31
365	Endogenous morphine/nitric oxide-coupled regulation of cellular physiology and gene expression: implications for cancer biology. <i>Seminars in Cancer Biology</i> , 2008 , 18, 199-210	12.7	24

364	LPS and IL-1 β increase endogenous morphine production in mollusk <i>Mytilus edulis</i> pedal ganglia. <i>Journal of Neurochemistry</i> , 2008 , 81, 54-56	6	
363	The presence of endogenous morphine signaling in animals. <i>Neurochemical Research</i> , 2008 , 33, 1933-9	4.6	21
362	Anticipatory stress response: a significant commonality in stress, relaxation, pleasure and love responses. <i>Medical Science Monitor</i> , 2008 , 14, RA17-21	3.2	15
361	Converging cellular processes for substances of abuse: endogenous morphine. <i>Neuroendocrinology Letters</i> , 2008 , 29, 63-6	0.3	5
360	Identification of endogenous morphine and a μ_3 -like opiate alkaloid receptor in human brain tissue taken from a patient with intractable complex partial epilepsy. <i>Medical Science Monitor</i> , 2008 , 14, CS45-49	3.2	16
359	Homeopathic ethanol. <i>Medical Science Monitor</i> , 2008 , 14, SC11-3	3.2	6
358	Cholinergic regulation of morphine release from human white blood cells: evidence for a novel nicotinic receptor via pharmacological and microarray analysis. <i>International Journal of Immunopathology and Pharmacology</i> , 2007 , 20, 229-37	3	9
357	A functionally coupled μ_3 -like opiate receptor/nitric oxide regulatory pathway in human multi-lineage progenitor cells. <i>Journal of Immunology</i> , 2007 , 179, 5839-44	5.3	36
356	Endogenous morphine synthetic pathway preceded and gave rise to catecholamine synthesis in evolution (Review). <i>International Journal of Molecular Medicine</i> , 2007 , 20, 837	4.4	1
355	A bio-psycho-socio-molecular approach to pain and stress management. <i>Complementary Medicine Research</i> , 2007 , 14, 224-34	1.3	7
354	Morphine inhibits AP-1 activity and CD14 expression in leukocytes by a nitric oxide and opioid receptor-dependent mechanism. <i>European Journal of Anaesthesiology</i> , 2007 , 24, 958-65	2.3	8
353	Detection of nitric oxide in exhaled human breath: exercise and resting determinations. <i>Medical Science Monitor</i> , 2007 , 13, MT1-5	3.2	11
352	Nicotine, alcohol and cocaine coupling to reward processes via endogenous morphine signaling: the dopamine-morphine hypothesis. <i>Medical Science Monitor</i> , 2007 , 13, RA91-102	3.2	21
351	TENS stimulates constitutive nitric oxide release via opiate signaling in invertebrate neural tissues. <i>Medical Science Monitor</i> , 2007 , 13, BR163-7	3.2	5
350	Endogenous morphine synthetic pathway preceded and gave rise to catecholamine synthesis in evolution (Review). <i>International Journal of Molecular Medicine</i> , 2007 , 20, 837-41	4.4	29
349	Persistence of evolutionary memory: primordial six-transmembrane helical domain μ opiate receptors selectively linked to endogenous morphine signaling. <i>Medical Science Monitor</i> , 2007 , 13, SC5-6 ³⁻²	3.2	19
348	Identification of morphine-6-glucuronide in chromaffin cell secretory granules. <i>Journal of Biological Chemistry</i> , 2006 , 281, 8082-9	5.4	29
347	Signaling pathway of morphine induced acute thermal hyperalgesia in mice. <i>Pain</i> , 2006 , 123, 294-305	8	60

346	Norlaudanosoline and nicotine increase endogenous ganglionic morphine levels: nicotine addiction. <i>Cellular and Molecular Neurobiology</i> , 2006 , 26, 1037-45	4.6	6
345	Association between oxygen consumption and nitric oxide production during the relaxation response. <i>Medical Science Monitor</i> , 2006 , 12, CR1-10	3.2	37
344	Alcohol-, nicotine-, and cocaine-evoked release of morphine from invertebrate ganglia: model system for screening drugs of abuse. <i>Medical Science Monitor</i> , 2006 , 12, BR155-61	3.2	13
343	Neurobiological implications of eating healthy. <i>Neuroendocrinology Letters</i> , 2006 , 27, 21-33	0.3	8
342	Pain and relaxation (review). <i>International Journal of Molecular Medicine</i> , 2006 , 18, 465-70	4.4	6
341	Cholinergic regulation of endogenous morphine release from lobster nerve cord. <i>Medical Science Monitor</i> , 2006 , 12, BR295-301	3.2	10
340	Relaxation: molecular and physiological significance. <i>Medical Science Monitor</i> , 2006 , 12, HY21-31	3.2	22
339	Morphine synthesis in animals. <i>Medical Science Monitor</i> , 2006 , 12, ED1-2	3.2	2
338	De novo biosynthesis of morphine in animal cells: an evidence-based model. <i>Medical Science Monitor</i> , 2006 , 12, RA207-19	3.2	22
337	Alcohol-, nicotine-, and cocaine-evoked release of morphine from human white blood cells: substances of abuse actions converge on endogenous morphine release. <i>Medical Science Monitor</i> , 2006 , 12, BR350-4	3.2	10
336	Endogenous morphine: opening new doors for the treatment of pain and addiction. <i>Expert Opinion on Biological Therapy</i> , 2005 , 5, 893-906	5.4	11
335	Role of amygdala in mediating sexual and emotional behavior via coupled nitric oxide release. <i>Acta Pharmacologica Sinica</i> , 2005 , 26, 389-95	8	16
334	Human white blood cells synthesize morphine: CYP2D6 modulation. <i>Journal of Immunology</i> , 2005 , 175, 7357-62	5.3	60
333	The American lobster, <i>Homarus americanus</i> , contains morphine that is coupled to nitric oxide release in its nervous and immune tissues: Evidence for neurotransmitter and hormonal signaling. <i>Neuroendocrinology Letters</i> , 2005 , 26, 89-97	0.3	9
332	In vivo and in vitro L-DOPA and reticuline exposure increases ganglionic morphine levels. <i>Medical Science Monitor</i> , 2005 , 11, MS1-5	3.2	14
331	Human gliomas contain morphine. <i>Medical Science Monitor</i> , 2005 , 11, MS18-21	3.2	5
330	Endogenous morphine and ACTH association in neural tissues. <i>Medical Science Monitor</i> , 2005 , 11, MS22-30	3.2	7
329	Characterization of a morphine-like molecule in secretory granules of chromaffin cells. <i>Medical Science Monitor</i> , 2005 , 11, MS31-34	3.2	3

328	Regulation of various genes in human leukocytes acutely exposed to morphine: expression microarray analysis. <i>Medical Science Monitor</i> , 2005 , 11, MS35-42	3.2	17
327	Morphine 6beta glucuronide: fortuitous morphine metabolite or preferred peripheral regulatory opiate?. <i>Medical Science Monitor</i> , 2005 , 11, MS43-46	3.2	10
326	Pain, immunity, opiate and opioid compounds and health. <i>Medical Science Monitor</i> , 2005 , 11, MS47-53	3.2	18
325	Placebo neural systems: nitric oxide, morphine and the dopamine brain reward and motivation circuitries. <i>Medical Science Monitor</i> , 2005 , 11, MS54-65	3.2	36
324	Neurotransmitter role of endogenous morphine in CNS. <i>Medical Science Monitor</i> , 2005 , 11, RA190-193	3.2	9
323	The Neurobiology of Love. <i>Neuroendocrinology Letters</i> , 2005 , 26, 175-92	0.3	63
322	Love promotes health. <i>Neuroendocrinology Letters</i> , 2005 , 26, 264-7	0.3	65
321	Integrative medical therapy: examination of meditation's therapeutic and global medicinal outcomes via nitric oxide (review). <i>International Journal of Molecular Medicine</i> , 2005 , 16, 621-30	4.4	22
320	Morphine via nitric oxide modulates beta-amyloid metabolism: a novel protective mechanism for Alzheimer's disease. <i>Medical Science Monitor</i> , 2005 , 11, BR357-66	3.2	24
319	Tyrosine and tyramine increase endogenous ganglionic morphine and dopamine levels in vitro and in vivo: cyp2d6 and tyrosine hydroxylase modulation demonstrates a dopamine coupling. <i>Medical Science Monitor</i> , 2005 , 11, BR397-404	3.2	27
318	Endogenous morphinergic signaling and tumor growth. <i>Frontiers in Bioscience - Landmark</i> , 2004 , 9, 3176-86	2.6	26
317	Nitric oxide as a possible mechanism for understanding the therapeutic effects of osteopathic manipulative medicine (Review). <i>International Journal of Molecular Medicine</i> , 2004 , 14, 443	4.4	3
316	Effects of endogenous morphine deprivation on memory retention of passive avoidance learning in mice. <i>International Journal of Neuropsychopharmacology</i> , 2004 , 7, 311-9	5.8	17
315	Opiate alkaloids and nitric oxide production in the nematode <i>Ascaris suum</i> . <i>Journal of Parasitology</i> , 2004 , 90, 15-22	0.9	12
314	Nitric oxide modulates microglial activation. <i>Medical Science Monitor</i> , 2004 , 10, BR17-22	3.2	11
313	Morphine enhances nitric oxide release in the mammalian gastrointestinal tract via the micro(3) opiate receptor subtype: a hormonal role for endogenous morphine. <i>Journal of Physiology and Pharmacology</i> , 2004 , 55, 279-88	2.1	26
312	Immunocytes modulate ganglionic nitric oxide release which later affects their activity level. <i>Neuroendocrinology Letters</i> , 2004 , 25, 57-61	0.3	3
311	Endogenous morphine and codeine in the brain of non human primate. <i>Medical Science Monitor</i> , 2004 , 10, MS1-5	3.2	11

310	Commonalities in the central nervous system's involvement with complementary medical therapies: limbic morphinergic processes. <i>Medical Science Monitor</i> , 2004 , 10, MS6-17	3.2	27
309	Music alters constitutively expressed opiate and cytokine processes in listeners. <i>Medical Science Monitor</i> , 2004 , 10, MS18-27	3.2	38
308	The neurobiology of pleasure, reward processes, addiction and their health implications. <i>Neuroendocrinology Letters</i> , 2004 , 25, 235-51	0.3	100
307	Differential expression of the human mu opiate receptor from different primary vascular endothelial cells. <i>Medical Science Monitor</i> , 2004 , 10, BR351-5	3.2	13
306	Presence of morphine in rat amygdala: evidence for the mu3 opiate receptor subtype via nitric oxide release in limbic structures. <i>Medical Science Monitor</i> , 2004 , 10, BR433-9	3.2	24
305	Reticuline exposure to invertebrate ganglia increases endogenous morphine levels. <i>Neuroendocrinology Letters</i> , 2004 , 25, 323-30	0.3	10
304	Molecular identification and functional expression of mu 3, a novel alternatively spliced variant of the human mu opiate receptor gene. <i>Journal of Immunology</i> , 2003 , 170, 5118-23	5.3	77
303	Cyclic exercise induces anti-inflammatory signal molecule increases in the plasma of Parkinson's patients. <i>International Journal of Molecular Medicine</i> , 2003 , 12, 485	4.4	2
302	Hippocampal nitric oxide upregulation precedes memory loss and A beta 1-40 accumulation after chronic brain hypoperfusion in rats. <i>Neurological Research</i> , 2003 , 25, 635-41	2.7	63
301	Anti-mu opioid antiserum against the third external loop of the cloned mu-opioid receptor acts as a mu receptor neutral antagonist. <i>Molecular Brain Research</i> , 2003 , 119, 100-10		8
300	Activation of peripheral delta opioid receptors eliminates cardiac electrical instability in a rat model of post-infarction cardiosclerosis via mitochondrial ATP-dependent K+ channels. <i>Life Sciences</i> , 2003 , 73, 947-52	6.8	17
299	Presence of reticuline in rat brain: a pathway for morphine biosynthesis. <i>Molecular Brain Research</i> , 2003 , 117, 83-90		23
298	Estrogen signaling at the cell surface coupled to nitric oxide release in <i>Mytilus edulis</i> nervous system. <i>Endocrinology</i> , 2003 , 144, 1234-40	4.8	70
297	The therapeutic use of the relaxation response in stress-related diseases. <i>Medical Science Monitor</i> , 2003 , 9, RA23-34	3.2	69
296	Invertebrate opiate immune and neural signaling. <i>Advances in Experimental Medicine and Biology</i> , 2003 , 521, 126-47	3.6	4
295	The nongenomic protective effects of estrogen on the male cardiovascular system: clinical and therapeutic implications in aging men. <i>Medical Science Monitor</i> , 2003 , 9, RA63-8	3.2	8
294	Endocannabinoids as autoregulatory signaling molecules: coupling to nitric oxide and a possible association with the relaxation response. <i>Medical Science Monitor</i> , 2003 , 9, RA63-75	3.2	30
293	Sound therapy induced relaxation: down regulating stress processes and pathologies. <i>Medical Science Monitor</i> , 2003 , 9, RA96-RA101	3.2	19

292	Risk factors for breast cancer and the prognosis of African American women: estrogen's role. <i>Medical Science Monitor</i> , 2003 , 9, RA111-9	3.2	4
291	Religion and its effects on crime and delinquency. <i>Medical Science Monitor</i> , 2003 , 9, SR79-82	3.2	2
290	The effects of auditory perception and musical preference on anxiety in naive human subjects. <i>Medical Science Monitor</i> , 2003 , 9, CR396-9	3.2	16
289	Cyclic exercise induces anti-inflammatory signal molecule increases in the plasma of Parkinson's patients. <i>International Journal of Molecular Medicine</i> , 2003 , 12, 485-92	4.4	32
288	17-beta estradiol down regulates ganglionic microglial cells via nitric oxide release: presence of an estrogen receptor beta transcript. <i>Neuroendocrinology Letters</i> , 2003 , 24, 130-6	0.3	7
287	The biochemical substrate of nitric oxide signaling is present in primitive non-cognitive organisms. <i>Brain Research</i> , 2002 , 924, 82-9	3.7	34
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