

# Stefano Comai

## List of Publications by Year in descending order

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Version: 2024-02-01

84  
papers

3,314  
citations

147801

31  
h-index

161849

54  
g-index

86  
all docs

86  
docs citations

86  
times ranked

4062  
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of the Relationship among Cortisol, Pro-inflammatory Cytokines, and the Degradation of Tryptophan into Kynurenine in Patients with Major Depression and Suicidal Behavior. <i>Current Topics in Medicinal Chemistry</i> , 2022, 22, 2119-2125.	2.1	18
2	Selective association of cytokine levels and kynurenine/tryptophan ratio with alterations in white matter microstructure in bipolar but not in unipolar depression. <i>European Neuropsychopharmacology</i> , 2022, 55, 96-109.	0.7	20
3	Distinct Effects of Antidepressants in Association With Mood Stabilizers and/or Antipsychotics in Unipolar and Bipolar Depression. <i>Journal of Clinical Psychopharmacology</i> , 2022, Publish Ahead of Print, .	1.4	2
4	Sex Differences in Responses to Antidepressant Augmentations in Treatment-Resistant Depression. <i>International Journal of Neuropsychopharmacology</i> , 2022, 25, 479-488.	2.1	14
5	Repeated lysergic acid diethylamide (LSD) reverses stress-induced anxiety-like behavior, cortical synaptogenesis deficits and serotonergic neurotransmission decline. <i>Neuropsychopharmacology</i> , 2022, 47, 1188-1198.	5.4	36
6	Melatonin and aggressive behavior: A systematic review of the literature on preclinical and clinical evidence. <i>Journal of Pineal Research</i> , 2022, 72, .	7.4	7
7	Is Poor Lithium Response in Individuals with Bipolar Disorder Associated with Increased Degradation of Tryptophan along the Kynurenine Pathway? Results of an Exploratory Study. <i>Journal of Clinical Medicine</i> , 2022, 11, 2517.	2.4	6
8	Dysfunction of the serotonergic system in the brain of synapsin triple knockout mice is associated with behavioral abnormalities resembling synapsin-related human pathologies. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 105, 110135.	4.8	8
9	Franco Fraschini, MD, PhD (1932â€2020). <i>Journal of Pineal Research</i> , 2021, 70, .	7.4	0
10	Lysergic acid diethylamide (LSD) promotes social behavior through mTORC1 in the excitatory neurotransmission. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	55
11	Lysergic acid diethylamide differentially modulates the reticular thalamus, mediodorsal thalamus, and infralimbic prefrontal cortex: An in vivo electrophysiology study in male mice. <i>Journal of Psychopharmacology</i> , 2021, 35, 469-482.	4.0	24
12	Early Dysfunction of Substantia Nigra Dopamine Neurons in the ParkinQ311X Mouse. <i>Biomedicines</i> , 2021, 9, 514.	3.2	5
13	Lifetime Cannabis Use Disorder Is Not Associated With Lifetime Impulsive Behavior and Severe Violence in Patients With Schizophrenia Spectrum Disorders From a High-Security Hospital. <i>Journal of Clinical Psychopharmacology</i> , 2021, 41, 623-628.	1.4	2
14	Tryptophan Metabolites, Cytokines, and Fatty Acid Binding Protein 2 in Myalgic Encephalomyelitis/Chronic Fatigue Syndrome. <i>Biomedicines</i> , 2021, 9, 1724.	3.2	23
15	Tryptophan in health and disease. <i>Advances in Clinical Chemistry</i> , 2020, 95, 165-218.	3.7	150
16	Prenatal IL-6 levels and activation of the tryptophan to kynurenine pathway are associated with depressive but not anxiety symptoms across the perinatal and the post-partum period in a low-risk sample. <i>Brain, Behavior, and Immunity</i> , 2020, 89, 175-183.	4.1	19
17	Melatonin recovers sleep phase delayed by MKâ€801 through the melatonin MT<sub>2</sub> receptorâ€Ca<sup>2+</sup>â€CaMKIIâ€CREB pathway in the ventrolateral preoptic nucleus. <i>Journal of Pineal Research</i> , 2020, 69, e12674.	7.4	9
18	Dysfunction of serotonergic activity and emotional responses across the lightâ€dark cycle in mice lackingâ€melatoninâ€ MT<sub>2</sub> receptors. <i>Journal of Pineal Research</i> , 2020, 69, e12653.	7.4	17

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19	Transcranial direct current stimulation of the mouse prefrontal cortex modulates serotonergic neural activity of the dorsal raphe nucleus. <i>Brain Stimulation</i> , 2020, 13, 548-550.	1.6	11
20	Neurobiology of Violence. <i>Comprehensive Approach To Psychiatry</i> , 2020, , 25-47.	1.0	4
21	Biomarkers in aggression. <i>Advances in Clinical Chemistry</i> , 2019, 93, 169-237.	3.7	17
22	Grey and white matter structure associates with the activation of the tryptophan to kynurenine pathway in bipolar disorder. <i>Journal of Affective Disorders</i> , 2019, 259, 404-412.	4.1	25
23	Melatonin MT1 and MT2 Receptors Exhibit Distinct Effects in the Modulation of Body Temperature across the Light/Dark Cycle. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2452.	4.1	20
24	Melatonin MT1 receptor as a novel target in neuropsychopharmacology: MT1 ligands, pathophysiological and therapeutic implications, and perspectives. <i>Pharmacological Research</i> , 2019, 144, 343-356.	7.1	38
25	Differential Function of Melatonin MT1 and MT2 Receptors in REM and NREM Sleep. <i>Frontiers in Endocrinology</i> , 2019, 10, 87.	3.5	93
26	Cannabidiol modulates serotonergic transmission and reverses both allodynia and anxiety-like behavior in a model of neuropathic pain. <i>Pain</i> , 2019, 160, 136-150.	4.2	239
27	Sleep well. Untangling the role of melatonin MT1 and MT2 receptors in sleep. <i>Journal of Pineal Research</i> , 2019, 66, e12544.	7.4	40
28	Role of palmitoylethanolamide (PEA) in depression: Translational evidence. <i>Journal of Affective Disorders</i> , 2019, 255, 195-200.	4.1	22
29	Trace elements among a sample of prisoners with mental and personality disorders and aggression: correlation with impulsivity and ADHD indices. <i>Journal of Trace Elements in Medicine and Biology</i> , 2019, 51, 123-129.	3.0	10
30	Reduced peripheral availability of tryptophan and increased activation of the kynurenine pathway and cortisol correlate with major depression and suicide. <i>World Journal of Biological Psychiatry</i> , 2019, 20, 703-711.	2.6	61
31	Investigating the relationship between melatonin levels, melatonin system, microbiota composition and bipolar disorder psychopathology across the different phases of the disease. <i>International Journal of Bipolar Disorders</i> , 2019, 7, 27.	2.2	11
32	Drugs for Insomnia beyond Benzodiazepines: Pharmacology, Clinical Applications, and Discovery. <i>Pharmacological Reviews</i> , 2018, 70, 197-245.	16.0	231
33	Psychopathological and sociodemographic features in treatment-resistant unipolar depression versus bipolar depression: a comparative study. <i>BMC Psychiatry</i> , 2018, 18, 68.	2.6	17
34	High frequency stimulation of the anterior vermis modulates behavioural response to chronic stress: involvement of the prefrontal cortex and dorsal raphe?. <i>Neurobiology of Disease</i> , 2018, 116, 166-178.	4.4	16
35	Antidepressant combination versus antidepressants plus second-generation antipsychotic augmentation in treatment-resistant unipolar depression. <i>International Clinical Psychopharmacology</i> , 2018, 33, 34-43.	1.7	22
36	Targeting Melatonin MT2 Receptors: A Novel Pharmacological Avenue for Inflammatory and Neuropathic Pain. <i>Current Medicinal Chemistry</i> , 2018, 25, 3866-3882.	2.4	44

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37	Translational control of depression-like behavior via phosphorylation of eukaryotic translation initiation factor 4E. <i>Nature Communications</i> , 2018, 9, 2459.	12.8	65
38	Serotonin Dysfunction, Aggressive Behavior, and Mental Illness: Exploring the Link Using a Dimensional Approach. <i>ACS Chemical Neuroscience</i> , 2017, 8, 961-972.	3.5	59
39	d-Lysergic Acid Diethylamide (LSD) as a Model of Psychosis: Mechanism of Action and Pharmacology. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1953.	4.1	76
40	Tryptophan via serotonin/kynurenine pathways abnormalities in a large cohort of aggressive inmates: markers for aggression. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2016, 70, 8-16.	4.8	48
41	Epilepsy, Antiepileptic Drugs, and Aggression: An Evidence-Based Review. <i>Pharmacological Reviews</i> , 2016, 68, 563-602.	16.0	186
42	The hallucinogen d-lysergic diethylamide (LSD) decreases dopamine firing activity through 5-HT 1A, D 2 and TAAR 1 receptors. <i>Pharmacological Research</i> , 2016, 113, 81-91.	7.1	76
43	Valproate augmentation in a subgroup of patients with treatment-resistant unipolar depression. <i>World Journal of Biological Psychiatry</i> , 2016, 17, 165-170.	2.6	21
44	Translational Research in Suicide: Is It Possible to Study Suicide in Animal Models?. , 2016, , 177-188.		5
45	Melancholic-Like Behaviors and Circadian Neurobiological Abnormalities in Melatonin MT1 Receptor Knockout Mice. <i>International Journal of Neuropsychopharmacology</i> , 2015, 18, pyu075-pyu075.	2.1	56
46	Antinociceptive properties of selective MT2 melatonin receptor partial agonists. <i>European Journal of Pharmacology</i> , 2015, 764, 424-432.	3.5	32
47	Selective melatonin MT2 receptor ligands relieve neuropathic pain through modulation of brainstem descending antinociceptive pathways. <i>Pain</i> , 2015, 156, 305-317.	4.2	68
48	Monoamine oxidase a gene promoter methylation and transcriptional downregulation in an offender population with antisocial personality disorder. <i>British Journal of Psychiatry</i> , 2015, 206, 216-222.	2.8	91
49	Effects of quetiapine and olanzapine in patients with psychosis and violent behavior: a pilot randomized, open-label, comparative study. <i>Neuropsychiatric Disease and Treatment</i> , 2014, 10, 757.	2.2	9
50	Unveiling the role of melatonin MT2 receptors in sleep, anxiety and other neuropsychiatric diseases: a novel target in psychopharmacology. <i>Journal of Psychiatry and Neuroscience</i> , 2014, 39, 6-21.	2.4	142
51	Melatonin, selective and non-selective MT1/MT2 receptors agonists: Differential effects on the 24-h vigilance states. <i>Neuroscience Letters</i> , 2014, 561, 156-161.	2.1	27
52	Composition of Cacao Beans. , 2013, , 105-117.		5
53	Sleep-wake characterization of double MT1/MT2 receptor knockout mice and comparison with MT1 and MT2 receptor knockout mice. <i>Behavioural Brain Research</i> , 2013, 243, 231-238.	2.2	95
54	The Psychopharmacology of Aggressive Behavior. <i>Journal of Clinical Psychopharmacology</i> , 2012, 32, 237-260.	1.4	103

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55	The Psychopharmacology of Aggressive Behavior. Journal of Clinical Psychopharmacology, 2012, 32, 83-94.	1.4	106
56	Phytochemical and Antioxidant-Related Investigations on Bark of <i>Abies spectabilis</i> (D. Don) Spach. from Nepal. Molecules, 2012, 17, 1686-1697.	3.8	9
57	Anxiolytic effects of the melatonin MT2 receptor partial agonist UCM765: Comparison with melatonin and diazepam. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2012, 39, 318-325.	4.8	60
58	Promotion of Non-Rapid Eye Movement Sleep and Activation of Reticular Thalamic Neurons by a Novel MT <sub>2</sub> Melatonin Receptor Ligand. Journal of Neuroscience, 2011, 31, 18439-18452.	3.6	113
59	Quinoa: Protein and Nonprotein Tryptophan in Comparison with Other Cereal and Legume Flours and Bread. , 2011, , 113-125.		5
60	Effects of PEG-interferon alpha plus ribavirin on tryptophan metabolism in patients with chronic hepatitis C. Pharmacological Research, 2011, 63, 85-92.	7.1	46
61	Triterpene Derivatives from <i>Abies Spectabilis</i> Leaves of Nepalese Origin. Natural Product Communications, 2011, 6, 1934578X1100600.	0.5	2
62	The protein profile of <i>Theobroma cacao</i> L. seeds as obtained by matrix-assisted laser desorption/ionization mass spectrometry. Rapid Communications in Mass Spectrometry, 2011, 25, 2035-2042.	1.5	13
63	The content of protein and non-protein (free and protein-bound) tryptophan in <i>Theobroma cacao</i> beans. Food Chemistry, 2011, 124, 93-96.	8.2	36
64	<i>Centella asiatica</i> (L.) urban from Nepal: Quali-quantitative analysis of samples from several sites, and selection of high terpene containing populations for cultivation. Biochemical Systematics and Ecology, 2010, 38, 12-22.	1.3	48
65	Essential oil of <i>Lindera neesiana</i> fruit: Chemical analysis and its potential use in topical applications. <i>FÄ-toterapÄ-Äç</i> , 2010, 81, 11-16.	2.2	31
66	Reduction of serum serotonin precursors after veralipride treatment for postmenopausal hot flushes. Climacteric, 2010, 13, 141-146.	2.4	5
67	Two phenolic glycosides from <i>Curculigo orchioides</i> Gaertn. <i>FÄ-toterapÄ-Äç</i> , 2009, 80, 279-282.	2.2	16
68	The role of peptides and proteins in melanoidin formation. Journal of Mass Spectrometry, 2009, 44, 410-418.	1.6	14
69	A Study of Tryptophan Metabolism via Serotonin in Ventricular Cerebrospinal Fluid in HIV-1 Infection Using a Neuroendoscopic Technique. Current HIV Research, 2007, 5, 267-272.	0.5	5
70	Non-protein (free and protein-bound) tryptophan content in cereal and legume seed flours. International Congress Series, 2007, 1304, 227-232.	0.2	2
71	Changes in serum tryptophan during antiviral therapy with recombinant $\hat{\pm}$ -interferon in chronic hepatitis C. International Congress Series, 2007, 1304, 362-366.	0.2	0
72	Tryptophan metabolism via serotonin in human CSF of different brain sites using a new neuroendoscopic technique. International Congress Series, 2007, 1304, 150-158.	0.2	0

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73	The content of proteic and nonproteic (free and protein-bound) tryptophan in quinoa and cereal flours. <i>Food Chemistry</i> , 2007, 100, 1350-1355.	8.2	129
74	Protein and non-protein (free and protein-bound) tryptophan in legume seeds. <i>Food Chemistry</i> , 2007, 103, 657-661.	8.2	33
75	Ventricular cerebrospinal fluid melatonin concentrations investigated with an endoscopic technique. <i>Journal of Pineal Research</i> , 2007, 42, 113-118.	7.4	36
76	Cloricromene effect on the enzyme activities of the tryptophanâ€“nicotinic acid pathway in diabetic/hyperlipidemic rabbits. <i>Life Sciences</i> , 2006, 78, 785-794.	4.3	4
77	An investigation on the possible role of melatonin in melanogenesis. <i>Journal of Mass Spectrometry</i> , 2006, 41, 517-526.	1.6	9
78	A mass spectrometric investigation on the possible role of tryptophan and 7-hydroxytryptophan in melanogenesis. <i>Journal of Mass Spectrometry</i> , 2006, 41, 921-930.	1.6	8
79	Study of tryptophan metabolism via serotonin in cerebrospinal fluid of patients with noncommunicating hydrocephalus using a new endoscopic technique. <i>Journal of Neuroscience Research</i> , 2006, 84, 683-691.	2.9	9
80	Search for Melanoma Markers in Plasma and Serum Samples. <i>European Journal of Mass Spectrometry</i> , 2005, 11, 353-360.	1.0	6
81	The effect of age on the enzyme activities of tryptophan metabolism along the kynurenine pathway in rats. <i>Clinica Chimica Acta</i> , 2005, 360, 67-80.	1.1	42
82	Endoscopic Selective Sampling of Human Ventricular CSF: A New Perspective. <i>Minimally Invasive Neurosurgery</i> , 2004, 47, 350-354.	0.9	11
83	An investigation on the role of 3-hydroxykynurenine in pigment formation by matrix-assisted laser desorption/ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 1413-1420.	1.5	9
84	Tryptophan metabolism along the kynurenine pathway in diet-induced and genetic hypercholesterolemic rabbits. <i>Clinica Chimica Acta</i> , 2004, 350, 41-49.	1.1	7