

# Nicola Mascolo

## List of Publications by Citations

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81  
papers

3,760  
citations

32  
h-index

60  
g-index

81  
ext. papers

4,143  
ext. citations

5.6  
avg, IF

4.93  
L-index

| #  | Paper  | IF   | Citations |
|----|--|------|-----------|
| 81 | Flavonoids: old and new aspects of a class of natural therapeutic drugs. <i>Life Sciences</i> , <b>1999</b> , 65, 337-53   | 6.8  | 839       |
| 80 | Cannabinoid CB1-receptor mediated regulation of gastrointestinal motility in mice in a model of intestinal inflammation. <i>British Journal of Pharmacology</i> , <b>2001</b> , 134, 563-70                          | 8.6  | 188       |
| 79 | Endocannabinoids as physiological regulators of colonic propulsion in mice. <i>Gastroenterology</i> , <b>2002</b> , 123, 227-34  | 13.3 | 157       |
| 78 | Nitric oxide as a modulator of intestinal water and electrolyte transport. <i>Digestive Diseases and Sciences</i> , <b>1998</b> , 43, 1605-20  | 4    | 114       |
| 77 | An endogenous cannabinoid tone attenuates cholera toxin-induced fluid accumulation in mice. <i>Gastroenterology</i> , <b>2003</b> , 125, 765-74  | 13.3 | 112       |
| 76 | Fatty acid amide hydrolase controls mouse intestinal motility in vivo. <i>Gastroenterology</i> , <b>2005</b> , 129, 941-51   | 13.3 | 104       |
| 75 | Effects of quercetin on the gastrointestinal tract in rats and mice. <i>Phytotherapy Research</i> , <b>1994</b> , 8, 42-45   | 6.7  | 97        |
| 74 | The role of cannabinoid receptors in intestinal motility, defaecation and diarrhoea in rats. <i>European Journal of Pharmacology</i> , <b>1999</b> , 384, 37-42  | 5.3  | 90        |
| 73 | Inhibitory effect of palmitoylethanolamide on gastrointestinal motility in mice. <i>British Journal of Pharmacology</i> , <b>2001</b> , 134, 945-50  | 8.6  | 86        |
| 72 | Excitatory transmission to the circular muscle of the guinea-pig ileum: evidence for the involvement of cannabinoid CB1 receptors. <i>British Journal of Pharmacology</i> , <b>1998</b> , 124, 1363-8                | 8.6  | 84        |
| 71 | Tanshinone IIA, a major component of <i>Salvia miltiorrhiza</i> Bunge, inhibits platelet activation via Erk-2 signaling pathway. <i>Journal of Ethnopharmacology</i> , <b>2014</b> , 155, 1236-42                    | 5    | 79        |
| 70 | The endocannabinoid system and the molecular basis of paralytic ileus in mice. <i>FASEB Journal</i> , <b>2002</b> , 16, 1973-5   | 0.9  | 79        |
| 69 | Dissociation of castor oil-induced diarrhoea and intestinal mucosal injury in rat: effect of NG-nitro-L-arginine methyl ester. <i>British Journal of Pharmacology</i> , <b>1994</b> , 113, 1127-30                   | 8.6  | 71        |
| 68 | Central and peripheral cannabinoid modulation of gastrointestinal transit in physiological states or during the diarrhoea induced by croton oil. <i>British Journal of Pharmacology</i> , <b>2000</b> , 129, 1627-32 | 8.6  | 68        |
| 67 | Down regulation of pro-inflammatory pathways by tanshinone IIA and cryptotanshinone in a non-genetic mouse model of Alzheimer's disease. <i>Pharmacological Research</i> , <b>2018</b> , 129, 482-490                | 10.2 | 66        |
| 66 | Medicinal plants with anti-inflammatory activities. <i>Natural Product Research</i> , <b>2016</b> , 30, 1343-52  | 2.3  | 64        |
| 65 | Effect of vanilloid drugs on gastrointestinal transit in mice. <i>British Journal of Pharmacology</i> , <b>2001</b> , 132, 1411-6  | 8.6  | 63        |

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| 64 | Defaecation, intestinal fluid accumulation and motility in rodents: implications of cannabinoid CB1 receptors. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>1999</b> , 359, 65-70                              | 3.4 | 62 |
| 63 | Interleukin 17 sustains rather than induces inflammation. <i>Biochemical Pharmacology</i> , <b>2009</b> , 77, 878-87   | 6   | 60 |
| 62 | Suppression of inflammatory response by chrysin, a flavone isolated from <i>Potentilla evestita</i> Th. Wolf. In silico predictive study on its mechanistic effect. <i>Phytotherapy Research</i> , <b>2015</b> , 103, 129-35 | 3.2 | 55 |
| 61 | Molecular mechanism of tanshinone IIA and cryptotanshinone in platelet anti-aggregating effects: an integrated study of pharmacology and computational analysis. <i>Phytotherapy Research</i> , <b>2015</b> , 100, 174-8     | 3.2 | 53 |
| 60 | Neutralization of IL-17 rescues amyloid- $\beta$ -induced neuroinflammation and memory impairment. <i>British Journal of Pharmacology</i> , <b>2019</b> , 176, 3544-3557   | 8.6 | 50 |
| 59 | IL-17A increases ADP-induced platelet aggregation. <i>Biochemical and Biophysical Research Communications</i> , <b>2011</b> , 408, 658-62  | 3.4 | 48 |
| 58 | Nitric oxide as a mediator of the laxative action of magnesium sulphate. <i>British Journal of Pharmacology</i> , <b>1994</b> , 113, 228-32  | 8.6 | 47 |
| 57 | The Potential Therapeutic Application of Peptides and Peptidomimetics in Cardiovascular Disease. <i>Frontiers in Pharmacology</i> , <b>2016</b> , 7, 526   | 5.6 | 46 |
| 56 | Modulation of peristalsis by cannabinoid CB(1) ligands in the isolated guinea-pig ileum. <i>British Journal of Pharmacology</i> , <b>2000</b> , 129, 984-90  | 8.6 | 46 |
| 55 | Characterization of toxic elements in clays for human healing use. <i>Applied Clay Science</i> , <b>1999</b> , 15, 491-500   | 3.2 | 45 |
| 54 | Anti-Inflammatory and Anti-Oxidant Activity of Extract on LPS-Induced Rat Lung Injury. <i>Molecules</i> , <b>2019</b> , 24,  | 4.8 | 44 |
| 53 | Vasorelaxant effect of the flavonoid galangin on isolated rat thoracic aorta. <i>Life Sciences</i> , <b>2006</b> , 78, 825-30  | 3.8 | 41 |
| 52 | Vascular effects of caffeic acid phenethyl ester (CAPE) on isolated rat thoracic aorta. <i>Life Sciences</i> , <b>2003</b> , 73, 73-80   | 6.8 | 41 |
| 51 | Cannabinoid CB1-mediated inhibition of stress-induced gastric ulcers in rats. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2001</b> , 363, 241-4   | 3.4 | 38 |
| 50 | Anti-inflammatory and analgesic activity of carnosol and carnosic acid in vivo and in vitro and in silico analysis of their target interactions. <i>British Journal of Pharmacology</i> , <b>2017</b> , 174, 1497-1508       | 8.6 | 36 |
| 49 | Nitric oxide involvement in sodium choleate-induced fluid secretion and diarrhoea in rats. <i>European Journal of Pharmacology</i> , <b>1994</b> , 264, 21-6   | 5.3 | 32 |
| 48 | In vivo experimental data on the mobility of hazardous chemical elements from clays. <i>Applied Clay Science</i> , <b>2004</b> , 25, 23-28   | 5.2 | 31 |
| 47 | Relaxant effect of capsazepine in the isolated rat ileum. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2002</b> , 365, 187-92  | 3.4 | 30 |

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|----|---|------|----|
| 46 | Interleukin-17A (IL-17A), a key molecule of innate and adaptive immunity, and its potential involvement in COVID-19-related thrombotic and vascular mechanisms. <i>Autoimmunity Reviews</i> , <b>2020</b> , 19, 102572                          | 13.6 | 29 |
| 45 | Effect of piperine, the active ingredient of black pepper, on intestinal secretion in mice. <i>Life Sciences</i> , <b>2002</b> , 71, 2311-7   | 6.8  | 29 |
| 44 | Biological activity of bicyclic and tricyclic diterpenoids from <i>Salvia</i> species of immediate pharmacological and pharmaceutical interest. <i>Natural Product Communications</i> , <b>2011</b> , 6, 1205-15                                | 0.9  | 27 |
| 43 | Tanshinones from <i>Salvia miltiorrhiza</i> Bunge revert chemotherapy-induced neuropathic pain and reduce glioblastoma cells malignancy. <i>Biomedicine and Pharmacotherapy</i> , <b>2018</b> , 105, 1042-1049                                  | 7.5  | 26 |
| 42 | Could IL-17 represent a new therapeutic target for the treatment and/or management of COVID-19-related respiratory syndrome?. <i>Pharmacological Research</i> , <b>2020</b> , 156, 104791   | 10.2 | 26 |
| 41 | A new diterpenoid with antispasmodic activity from <i>Salvia cinnabarina</i> . <i>Planta Medica</i> , <b>2001</b> , 67, 153-5   | 3.1  | 25 |
| 40 | First evidence of the analgesic activity of govaniadine, an alkaloid isolated from <i>Corydalis goviana</i> Wall. <i>Natural Product Research</i> , <b>2015</b> , 29, 430-7   | 2.3  | 24 |
| 39 | NG-nitro-L-arginine methyl ester modulates intestinal secretion and motility produced by carbachol. <i>European Journal of Pharmacology</i> , <b>1994</b> , 271, 31-5   | 5.3  | 24 |
| 38 | IL-17A neutralizing antibody regulates monosodium urate crystal-induced gouty inflammation. <i>Pharmacological Research</i> , <b>2019</b> , 147, 104351   | 10.2 | 22 |
| 37 | Inhibitory effect of the plant flavonoid galangin on rat vas deferens in vitro. <i>Life Sciences</i> , <b>2003</b> , 72, 2993-3001  | 6.3  | 22 |
| 36 | A diterpenoid from <i>Salvia cinnabarina</i> inhibits mouse intestinal motility in vivo. <i>Planta Medica</i> , <b>2004</b> , 70, 375-7   | 3.1  | 21 |
| 35 | Does senna extract promote growth of aberrant crypt foci and malignant tumors in rat colon?. <i>Digestive Diseases and Sciences</i> , <b>1999</b> , 44, 2226-30   | 4    | 21 |
| 34 | NG-nitro-L-arginine methyl ester reduces senna- and cascara-induced diarrhoea and fluid secretion in the rat. <i>European Journal of Pharmacology</i> , <b>1996</b> , 301, 137-42   | 5.3  | 19 |
| 33 | Phenols, alkaloids and terpenes from medicinal plants with antihypertensive and vasorelaxant activities. A review of natural products as leads to potential therapeutic agents. <i>Natural Product Communications</i> , <b>2013</b> , 8, 539-44 | 0.9  | 19 |
| 32 | Inhibitory effect of the antidepressant St. John's wort ( <i>hypericum perforatum</i> ) on rat bladder contractility in vitro. <i>Urology</i> , <b>2004</b> , 64, 168-72  | 1.6  | 18 |
| 31 | Relationship between nitric oxide and platelet-activating factor in castor-oil induced mucosal injury in the rat duodenum. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>1996</b> , 353, 680-4                                     | 3.4  | 16 |
| 30 | Long-Lasting Anti-Inflammatory and Antinociceptive Effects of Acute Ammonium Glycyrrhizinate Administration: Pharmacological, Biochemical, and Docking Studies. <i>Molecules</i> , <b>2019</b> , 24,  | 4.8  | 15 |
| 29 | Effect of papaverine on synaptic transmission in the guinea-pig ileum. <i>British Journal of Pharmacology</i> , <b>1997</b> , 121, 768-72   | 8.6  | 15 |

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|----|---|------|----|
| 28 | Phosphodiesterase-1 Inhibitory Activity of Two Flavonoids Isolated from Pistacia integerrima J. L. Stewart Galls. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2015</b> , 2015, 506564                 | 2.3  | 14 |
| 27 | Danshen and the Cardiovascular System: New Advances for an Old Remedy. <i>Seminars in Thrombosis and Hemostasis</i> , <b>2016</b> , 42, 321-2   | 5.3  | 14 |
| 26 | Interleukin-17A Exacerbates Ferric Chloride-Induced Arterial Thrombosis in Rat Carotid Artery. <i>International Journal of Inflammation</i> , <b>2014</b> , 2014, 247503  | 6.4  | 11 |
| 25 | Effect of a diterpenoid from Salvia cinnabarina on arterial blood pressure in rats. <i>Phytotherapy Research</i> , <b>2007</b> , 21, 690-2  | 6.7  | 11 |
| 24 | A secoisopimarane diterpenoid from Salvia cinnabarina inhibits rat urinary bladder contractility in vitro. <i>Planta Medica</i> , <b>2004</b> , 70, 185-8   | 3.1  | 11 |
| 23 | Temporin L-derived peptide as a regulator of the acute inflammatory response in zymosan-induced peritonitis. <i>Biomedicine and Pharmacotherapy</i> , <b>2020</b> , 123, 109788   | 7.5  | 10 |
| 22 | Pharmacological and molecular docking assessment of cryptotanshinone as natural-derived analgesic compound. <i>Biomedicine and Pharmacotherapy</i> , <b>2020</b> , 126, 110042  | 7.5  | 9  |
| 21 | Guinea pig ileum motility stimulation elicited by N-formyl-Met-Leu-Phe (fMLF) involves neurotransmitters and prostanoids. <i>Peptides</i> , <b>2011</b> , 32, 266-71  | 3.8  | 9  |
| 20 | Improvement of (+)-catechin inhibitory activity on human PMN respiratory burst by (+)-3-O-propionyl and (-)-3-O-valeryl substitution. <i>Journal of Pharmacy and Pharmacology</i> , <b>2003</b> , 55, 399-405               | 4.8  | 9  |
| 19 | Inhibitors of nitric oxide synthase enhance rat ileum contractions induced by ricinoleic acid in vitro. <i>European Journal of Pharmacology</i> , <b>1993</b> , 243, 87-90  | 5.3  | 9  |
| 18 | Effect of cholera toxin on the production of eicosanoids by rat jejunum. <i>British Journal of Pharmacology</i> , <b>1987</b> , 92, 149-52  | 8.6  | 9  |
| 17 | Antipyretic and analgesic studies of the ethanolic extract of Teclea nobilis delile. <i>Phytotherapy Research</i> , <b>1988</b> , 2, 154-156  | 6.7  | 9  |
| 16 | Cryptotanshinone and tanshinone IIA from Bunge (Danshen) as a new class of potential pancreatic lipase inhibitors. <i>Natural Product Research</i> , <b>2021</b> , 35, 863-866  | 2.3  | 9  |
| 15 | Biological Evaluation and Docking Analysis of Daturaolone as Potential Cyclooxygenase Inhibitor. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2016</b> , 2016, 4098686                                 | 2.3  | 8  |
| 14 | Effect of selective phosphodiesterase inhibitors on synaptic transmission in the guinea-pig ileum. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>1998</b> , 357, 677-81  | 3.4  | 7  |
| 13 | First Evidence for an Anxiolytic Effect of a Diterpenoid from Salvia Cinnabarina. <i>Natural Product Communications</i> , <b>2009</b> , 4, 1934578X0900400  | 0.9  | 6  |
| 12 | Forgotten target for marijuana: the endocannabinoid system in the gut. <i>Trends in Pharmacological Sciences</i> , <b>2000</b> , 21, 372-3  | 13.2 | 6  |
| 11 | In-depth immunophenotyping data relating to IL-17Ab modulation of circulating Treg/Th17 cells and of infiltrated inflammatory monocytes in the onset of gouty inflammation. <i>Data in Brief</i> , <b>2019</b> , 25, 104381 | 1.2  | 5  |

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|----|--|------|---|
| 10 | The functional link between microsomal prostaglandin E synthase-1 (mPGES-1) and peroxisome proliferator-activated receptor $\alpha$ (PPAR $\alpha$ ) in the onset of inflammation. <i>Pharmacological Research</i> , <b>2020</b> , 157, 104807             | 10.2 | 5 |
| 9  | Biological Activity of Bicyclic and Tricyclic Diterpenoids from <i>Salvia</i> Species of Immediate Pharmacological and Pharmaceutical Interest. <i>Natural Product Communications</i> , <b>2011</b> , 6, 1934578X1100600                                   | 0.8  | 5 |
| 8  | First evidence for an anxiolytic effect of a diterpenoid from <i>Salvia cinnabarina</i> . <i>Natural Product Communications</i> , <b>2009</b> , 4, 469-72  | 0.9  | 5 |
| 7  | IL-17-induced inflammation modulates the mPGES-1/PPAR $\alpha$ pathway in monocytes/macrophages. <i>British Journal of Pharmacology</i> , <b>2021</b> ,  | 8.6  | 4 |
| 6  | Contractile effect of (+)-glaucine in the isolated guinea-pig ileum. <i>European Journal of Pharmacology</i> , <b>1999</b> , 377, 215-8  | 5.3  | 3 |
| 5  | New insights on the arylpiperazinylalkyl pyridazinone ET1 as potent antinociceptive and anti-inflammatory agent. <i>European Journal of Pharmacology</i> , <b>2020</b> , 888, 173572   | 5.3  | 3 |
| 4  | Effect of sodium rhein on electrically-evoked and agonist-induced contractions of the guinea-pig isolated ileal circular muscle. <i>British Journal of Pharmacology</i> , <b>1998</b> , 124, 825-31  | 8.6  | 2 |
| 3  | Supplementation with ribonucleotide-based ingredient (Ribodiet $\alpha$ ) lessens oxidative stress, brain inflammation, and amyloid pathology in a murine model of Alzheimer. <i>Biomedicine and Pharmacotherapy</i> , <b>2021</b> , 139, 111579           | 7.5  | 2 |
| 2  | Present Status and Future Trends of Natural-Derived Compounds Targeting T Helper (Th) 17 and Microsomal Prostaglandin E Synthase-1 (mPGES-1) as Alternative Therapies for Autoimmune and Inflammatory-Based Diseases. <i>Molecules</i> , <b>2020</b> , 25, | 4.8  | 1 |
| 1  | Anti-inflammatory and immunomodulatory activity of <i>Mangifera indica</i> L. reveals the modulation of COX-2/mPGES-1 axis and Th17/Treg ratio. <i>Pharmacological Research</i> , <b>2022</b> , 106283   | 10.2 | 0 |