

بسمه تعالی  
خلاصه سوابق علمی و پژوهشی

۱- اطلاعات شخصی

نام و نام خانوادگی: محسن شریفی

تاریخ تولد: ۱۳۴۷

محل تولد: ایلام

وضعیت تأهل: متأهل

آدرس: تهران - جلال آل احمد - دانشگاه تربیت مدرس - دانشکده علوم زیستی - گروه علوم گیاهی

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۲- رشته تحصیلی

دکترای زیست شناسی - فیزیولوژی گیاهی، تخصص متابولیتهای گیاهی، ۱۳۸۲

۳- سوابق شغلی و اجرایی

- عضو هیات علمی جهاد دانشگاهی دانشگاه تهران (قراردادی) ۶/۵ سال
- مدیر گروه میکروبیولوژی کاربردی جهاد دانشگاهی ۴ سال
- مسئول شاخه زیست شناسی دفتر مرکزی جهاد دانشگاهی ۳ سال
- عضو هیئت علمی دانشگاه تربیت مدرس از ۱۳۸۳
- معاون آموزشی دانشکده علوم زیستی دانشگاه تربیت مدرس از اردیبهشت ۱۳۸۸ تا بهمن ۱۳۸۹
- مدیر کل پژوهشی وزارت علوم، تحقیقات و فناوری از بهمن ۱۳۸۹
- دبیر شورای قطب‌های علمی وزارت علوم، تحقیقات و فناوری از سال ۱۳۸۹
- دبیر کمیسیون نشریات علمی وزارت علوم، تحقیقات و فناوری از سال ۱۳۸۹
- دبیر کمیته پژوهشی شورای گسترش آموزش عالی از دی ماه ۱۳۹۲
- عضو مجمع شبکه آزمایشگاه‌های علمی ایران (شاعا) از خرداد ۹۳ (۲ سال)
- عضو کمیسیون دائمی هیات امنای منطقه دو پژوهشی از اسفند ۹۳
- عضو کمیسیون تخصصی گروه شیمی و زیست شناسی هیات ممیزه دانشگاه تربیت مدرس از شهریور ۹۱ تا

- نماینده معاونت پژوهش و فناوری وزارت عتف در کمیته ترفیع موسسه پژوهش و برنامه‌ریزی آموزش عالی از اردیبهشت ۹۳

- نماینده هیات اجرایی جذب هیات علمی دانشگاه در دانشکده علوم زیستی از ۹۲
- عضو کمیسیون بررسی و تایید مجلات علمی دانشگاه آزاد اسلامی از آذر ۹۰
- مدیر و عضو قطب متابولیت‌های داروئی گیاهی از سال ۱۳۹۷

#### ۴- عضویت در مجامع علمی

۱) دبیر اجرایی چهاردهمین کنفرانس سراسری و دومین کنفرانس بین‌المللی زیست‌شناسی - دانشگاه تربیت مدرس - شهریور ۱۳۸۵

- ۲) دبیر کمیته علمی ستاد ملی هفته پژوهش کشور (آذر ۱۳۹۰)
- ۳) دبیر کمیته علمی ستاد ملی هفته پژوهش کشور (آذر ۱۳۹۱)
- ۴) دبیر کمیته علمی ستاد ملی هفته پژوهش کشور (آذر ۱۳۹۲)
- ۵) دبیر پانزدهمین جشنواره تجلیل از پژوهشگران و فناوران برتر کشور (آذر ۹۳)
- ۶) دبیر شانزدهمین جشنواره تجلیل از پژوهشگران و فناوران برتر کشور (آذر ۹۴)
- ۷) دبیر هفدهمین جشنواره تجلیل از پژوهشگران و فناوران برتر کشور (آذر ۹۵)
- ۸) دبیر هجدهمین جشنواره تجلیل از پژوهشگران و فناوران برتر کشور (آذر ۹۶)
- ۹) دبیر نوزدهمین جشنواره تجلیل از پژوهشگران و فناوران برتر کشور (آذر ۹۷)
- ۱۰) دبیر بیستمین جشنواره تجلیل از پژوهشگران و فناوران برتر کشور (آذر ۹۸)
- ۱۱) دبیر بیست و یکمین جشنواره تجلیل از پژوهشگران و فناوران برتر کشور (آذر ۹۹)
- ۱۲) دبیر بیست و دومین جشنواره تجلیل از پژوهشگران و فناوران برتر کشور (آذر ۱۴۰۰)

#### ۵- عضویت در هیئت تحریریه نشریات:

- ۱) عضو هیئت تحریریه مجله زیست‌شناسی ایران از سال ۱۳۸۸ تا ۱۳۹۱
- ۲) عضو هیئت تحریریه مجله پژوهش‌های گیاهی ۱۳۹۱ تاکنون
- ۳) عضو هیئت تحریریه مجله یافته‌های نوین زیست‌شناسی ایران از سال ۱۳۹۳ تاکنون

#### ۶- عضویت در انجمن‌های علمی:

- ۱) عضو هیئت مدیره انجمن زیست‌شناسی ایران از سال ۱۳۸۵
- ۲) رئیس انجمن زیست‌شناسی ایران از سال ۱۳۹۳ تا ۱۳۹۵
- ۳) نایب رئیس انجمن زیست‌شناسی ایران از سال ۱۳۹۵ تاکنون

#### ۷- زمینه‌های مورد علاقه تحقیقاتی

- ۱) مهندسی متابولیک گیاهی (دست‌ورزی ژنتیک گیاهی از نظر مواد گیاهی)
- ۲) کشت بافت و ریزازدیادی گیاهی
- ۳) متابولیت‌های ثانوی گیاهی و پاسخ‌های فیزیولوژیک گیاهان

#### ۸- پایان‌نامه‌ها و رساله‌ها:

- راهنمایی و مشاوره بیش از ۵۰ رساله دکترا

• راهنمایی و مشاوره بیش از ۶۰ پایان نامه کارشناسی ارشد

۹- مقالات علمی چاپ شده در مجلات خارجی و داخلی معتبر (نام نویسنده یا نویسندگان، عنوان مقاله، نام مجله، شماره مجله، سال، صفحات)

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3. Sharifi M., Ghorbanli M., Ebrahimzadeh H. Improved growth of salinity-stressed soybean after inoculation with salt pre-treated mycorrhizal fungi. *Journal of Plant Physiology*, 164: 1144-1151 2007.
4. Ebrahimzadeh H., Sharifi M. Comparative study on essential oils in seed and tissue culture of *Cuminum cyminum* and *Bunium persicum*. *Iranian Journal of Biology*, 5(3-4): 154-168 1997.
5. Sharifi M., Pouresmael M. Effect of some chemical compounds on *Bunium* seed dormancy breaking and germination. *Journal of Agriculture and Natural Resource Sciences of Gorgan University*, 10(2): 33-41 2003.
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9. Naghdi Badi H., Soroshzadeh A., Rezazadeh Sh., Sharifi M., Ghalavand A., Omid H. Review on Borage (Valuable Medicinal Plant and Richest Plant Source of Gamma Linolenic Acid), *Journal of Medicinal Plants*, 6 (24): 1-16 2007.
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۱۰- طرح‌های تحقیقاتی:

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۱- بررسی القای جوانه زنی و رفع خفتگی زیره سیاه بمنظور اهلی کردن آن. کارفرما: دفتر مرکزی

جهاد دانشگاهی ۱۳۷۸. (طرح مطالعاتی)

۲- رفع خفتگی بذر و نشاء زیره سیاه بمنظور اهلی کردن آن. کارفرما: دفتر مرکزی جهاددانشگاهی

۱۳۸۲. (مرحله آزمایشگاهی)

۳- نقش قارچهای اندومیکوریز در جذب فسفات و امکان بیوتکنولوژی آن در رابطه با جذب

فسفات توسط گیاهان. کارفرما: دفتر مرکزی جهاد دانشگاهی ۱۳۷۸. (طرح مطالعاتی)

- ۴- جداسازی، تکثیر و بهینه سازی شرایط همزیستی سویه های منتخب قارچهای اندومیکوریزی با سویا. کارفرما: دفتر مرکزی جهاددانشگاهی ۱۳۸۱. (مرحله آزمایشگاهی)
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- ۷- بررسی تولید ترکیب داروئی پودوفیلوتوکسین از کشت سلول گیاه (۱۳۹۲). صندوق حمایت از پژوهشگران
- ۸- تولید دو ترکیب ضد سرطان پودوفیلوتوکسین و ۶-متوکسی پودوفیلوتوکسین از طریق سلول *Linum album* در بیوراکتور (۱۳۹۲). سازمان اتکا- پژوهشکده علوم و فناوریهای نوین اتکا
- ۹- تولید نیمه صنعتی ماده پودوفیلوتوکسین به روش کشت ریشه های مؤین *Linum album* در بیوراکتور، (۱۳۹۶)، ستاد گیاهان داروئی- معاونت علمی و فناوری ریاست جمهوری.
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- ۲- جداسازی و شناسائی سویه های بومی باکتریهای حل کننده فسفات از خاکهای ایران. کارفرما: دفتر مرکزی جهاددانشگاهی ۱۳۷۸. (مرحله آزمایشگاهی)
- ۳- بهینه سازی جذب فسفات در سیب زمینی با استفاده از میکروارگانیزمها. (طرح ملی سازمان پژوهشهای علمی کشور) ۱۳۸۱.

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## ۱۱- دروس تدریس شده

- ۱- زیست شناسی گیاهی - کارشناسی
- ۲- متابولیسم گیاهی - کارشناسی ارشد
- ۳- جذب و انتقال مواد - کارشناسی ارشد
- ۴- مکانیسم ملکولی رشد و نمو گیاهی - کارشناسی ارشد
- ۵- متابولیسم پیشرفته - دوره دکتری
- ۶- مباحث ویژه - دوره دکتری